React Native SDK UI Customization API

React Native SDK UI and key mapping reference for customizations. [Suggest Edits](#)

This article describes two different ways to customize your React Native application UI using the [React Native SDK](#)

- Static Resources
- customize the UI layout during build time.
- Programmatic Customization
- modifies the layout at run time.

Note:

You can combine static and programmatic approaches for customization. To use the SDK in the most flexible way, combine the reference in this article with the [React Native SDK](#) .

Sample Application : Refer to the React Native sample application (Link to be provided) for example code.

Text, Color, and Font Customization

For text-related customization, there are two types of customization, dynamic and static:

- For dynamic customization, update the source code's desired string, color, and font (as typeface).

JavaScript new TextConfig(text, color, font) new TextConfig(text, gradientColorArray, font) * For static customization, please refer to Static Resource to add or update resource files for Android and iOS respectively. To avoid the static customization being overwritten by the dynamic customization, use the undefined value for the text argument when initializing with the TextConfig() constructor, for example:

JavaScript new TextConfig(undefined, color, font) // text remains static customization new TextConfig(text, undefined, undefined) // color and font remain static customization Please reference the UI screenshots below with each string's mapping code, then use the mapping code to find the Key name in the Index Table A, B, C for more detail of customization support and usage for each text string.

Note:

The detail of supporting scope can be found in the index table and the note column. For Android, if the app still customizes those unsupported values, it will give a WARN level log printed to logcat, filtered with CustomizeChecker for log abstraction.

New PIN Code

A1 / **C1~C5**

Confirm PIN Code

C6~C7

Enter PIN Code

A2 / **C8~C9, C5-1, C5-2**

Security Intros

A3~A4 / **C10~C11**

Security Questions Customization

Please reference the Security Question section in the [SDK](#) for how to customize the question by using setSecurityQuestions method.

A5 / **C12~C25**

Security Summary

A6 / **C26~C32**

Security Confirm

C33~C37 / **B1**

Recover PIN Code

A7 / **C39~C47**

Biometrics Prompt

C46~C60

Alert Pop Window

C61~C62

A Index Table -TextsKey

Put the configs in a map then call WalletSdk.setTextConfigsMap(). For example:

JavaScript const map = new Map() map.set(TextsKey.securityQuestionHeaders, [new TextConfig('Choose your 1st question'), new TextConfig('Choose your 2nd question')])

WalletSdk.setTextConfigsMap(map) Programmatic Customization

Static Resources

Note   Android

iOS CirclePWTheme.json

TextsKey TextConfigs length TextConfig.text TextConfig.textColor TextConfig.font TextConfig.gradientColors colors.xml styles.xml color font A1 newPinCodeHeadline <=2 ✓ ✓   circlepw_text_main circlepw_heading3 text_main semibold textColor will be applied if gradientColors is null. A2 enterPinCodeHeadline <=2 ✓ ✓   ✓ ✓   circlepw_text_main circlepw_heading3 text_main semibold textColor will be applied if gradientColors is null. A3 securityIntroHeadline <=2 ✓ ✓   ✓ ✓   circlepw_text_main circlepw_heading4 text_main semibold textColor will be applied if gradientColors is null. A4 securityIntroLink 2   ✓ ✓ ✓   ✗ circlepw_text_action circlepw_body2 text_action regular TextConfigs: [DisplayText, URL]Only display when the array length is not less then 2 and the URL is not empty.Set color / font according to TextConfig[0]. A5 securityQuestionHeaders <= 5   ✓ ✓ ✓   ✗ circlepw_text_auxiliary circlepw_body2 text_auxiliary regular TextConfigs over the length limit will be ignored. A6 securitySummaryQuestionHeaders Same as securityQuestionHeaders (A5) ✓ ✓ ✓ ✗ circlepw_text_main2 circlepw_heading5 text_main2 semibold TextConfigs over the length limit will be ignored. A7 recoverPinCodeHeadline Free ✓ ✓   ✓ ✓   circlepw_text_main circlepw_heading3 text_main semibold textColor will be applied if gradientColors is null.

B Index Table - IconTextsKey

Use this Index Table to reference the dynamic special Icon, Text, Color, and Font Customization. Both the icon image and the text fields are dynamically configured together. You can use IconTextConfig() constructor with local image or remote image URL. For example:

JavaScript new IconTextConfig(require('../assets/image/local_icon.png'), new TextConfig(text, color, font))

new IconTextConfig({uri: 'https://remote_image'} new TextConfig(text, color, font)) And put the configs in a map then call WalletSdk.setIconTextConfigsMap():

JavaScript const map = new Map() map.set(IconTextsKey.securityConfirmationItems, [new IconTextConfig(require('../assets/image/local_icon.png'), new TextConfig(text, color, font),),]) WalletSdk.setIconTextConfigsMap(map) Programmatic Customization

Static Resources

Note   Android

iOS CirclePWTheme.json

IconTextsKey TextConfigs length TextConfig.text TextConfig.textColor TextConfig.font TextConfig.gradientColors colors.xml styles.xml color font B1 securityConfirmationItems <=4   ✓ ✓ ✓ ✗ circlepw_text_main circlepw_body2 text_main regular textColor will be applied if gradientColors is null.

C Index Table - TextKey

For programmatic customization, put the configs in a map then call WalletSdk.setTextConfigMap(). For example:

JavaScript const map = new Map() map.set(TextKey.circlepw_recover_pincode_answer_input_placeholder, new TextConfig('Type your answer here', colors.placeholder, 'Inter-Regular',),) WalletSdk.setTextConfigMap(map) For static customization, please checkStatic Resource .

Note:

The gradientColors field is not supported for the Keys in this table. If you dynamically set the color as gradientColor , the effect will be ignored and the Android WARN level log will be printed. Programmatic Customization

Static Resources

Note TextConfig

Android

iOS CirclePWLocalizable.json iOS CirclePWTheme.json

TextKey text textColor font strings.xml colors.xml styles.xml string color font C1 circlepw_new_pincode_subhead ✓ ✓ ✓ circlepw_text_auxiliary circlepw_text_auxiliary circlepw_body2 circlepw_new_pincode_subhead text_auxiliary regular C2 ✗ ✗ ✗ ✗ ✗ circlepw_text_main circlepw_pinDigitText ✗ text_main light Normal circlepw_success circlepw_pinDigitText

success

Succeed circlepw_error circlepw_pinDigitText

error

Failed C3 circlepw_enter_pincode_use_biometrics ✓ ✓ ✓ circlepw_enter_pincode_use_biometrics   circlepw_pressed_assist_text_color circlepw_actionText circlepw_enter_pincode_use_biometrics   text_action semibold For Android, the default text is "Use Biometrics". For iOS, the default text is "Use FACE ID". C5 circlepw_pincode_error_config ✗   ✓ ✓ ✗   circlepw_error circlepw_body2 ✗   error regular For text, see Error Message:incorrectUserPin(155112), userPinLocked(155119), pinCodeNotMatched(155703) C5-1 circlepw_pin_remain_attemps_template ✓   ✗ ✗ circlepw_pin_remain_attemps_template ✗ ✗ ✗ ✗ e.g. You have %s attempts left. C5-2 circlepw_pin_lock_period_template ✓   ✗ ✗ circlepw_pin_lock_period_template ✗ ✗ ✗ ✗ e.g. You've used up all PIN attempts. Please wait for %s mins to retry later. C6 circlepw_confirm_pincode_headline ✓ ✓ ✓ circlepw_confirm_pincode_headline circlepw_text_main circlepw_heading3 circlepw_confirm_pincode_headline text_main semibold C7 circlepw_confirm_pincode_subhead ✓ ✓ ✓ circlepw_confirm_pincode_subhead

circlepw_text_auxiliary circlepw_body2 circlepw_confirm_pincode_subhead text_auxiliary regular C8 circlepw_enter_pincode_subhead ✓ ✓ ✓
circlepw_enter_pincode_subhead circlepw_text_auxiliary circlepw_body2 circlepw_enter_pincode_subhead text_auxiliary regular C9
circlepw_enter_pincode_forgot_pin ✓ ✓ ✓ circlepw_enter_pincode_forgot_pin circlepw_text_action circlepw_actionText circlepw_enter_pincode_forgot_pin
text_action / text_action_pressed semibold C10 circlepw_security_intros_description ✓ ✓ ✓ circlepw_security_intros_description circlepw_text_auxiliary2
circlepw_body2 circlepw_security_intros_description text_auxiliary2 regular C11 circlepw_continue ✓ ✓ ✓ circlepw_continue circlepw_main_bt_text
circlepw_mainButtonText circlepw_continue main_bt_text semibold Normal circlepw_main_bt_text_pressed

main_bt_text_pressed

Pressed circlepw_disabled_main_bt_text

main_bt_text_disabled

Disabled C12 circlepw_security_questions_title ✓ ✓ ✓ circlepw_security_questions_title circlepw_text_main circlepw_toolbarTitle
circlepw_security_questions_title text_main medium C13 circlepw_security_questions_required_mark ✓ ✓ ✓ circlepw_security_questions_required_mark
circlepw_error circlepw_metadata1 circlepw_security_questions_required_mark error regular C14 circlepw_security_questions_question_input_config ✗ ✓ ✓
✗ circlepw_text_main circlepw_body1 ✗ text_main regular C15 circlepw_security_questions_question_placeholder ✓ ✓
✗ circlepw_security_questions_question_placeholder circlepw_placeholder circlepw_body1 circlepw_security_questions_question_placeholder
text_placeholder regular Set TextView's textColorHint and hint. Apply circlepw_security_questions_question_input_config (C14)'s font. C16
circlepw_security_questions_answer_header ✓ ✓ ✓ circlepw_security_questions_answer_header circlepw_text_auxiliary circlepw_body2
circlepw_security_questions_answer_header text_auxiliary circlepw_body1 C17 circlepw_security_questions_answer_input_config ✗ ✓ ✓ ✗
circlepw_text_main circlepw_body1 ✗ text_main regular C18 circlepw_security_questions_answer_placeholder ✓   ✓
✗   circlepw_security_questions_answer_placeholder circlepw_placeholder circlepw_body1
circlepw_security_questions_answer_placeholder text_placeholder regular Set TextView's textColorHint and hint. Apply
circlepw_security_questions_answer_input_config (C17)'s font. C19 circlepw_security_questions_answer_hint_header ✓ ✓ ✓
circlepw_security_questions_answer_hint_header circlepw_text_auxiliary circlepw_body2 circlepw_security_questions_answer_hint_header text_auxiliary
regular C20 circlepw_security_questions_answer_hint_input_config ✗ ✓ ✓ ✗ circlepw_text_main circlepw_body1 ✗ text_main regular C21
circlepw_security_questions_answer_hint_placeholder ✓   ✓   ✗
circlepw_security_questions_answer_hint_placeholder circlepw_placeholder circlepw_body1 circlepw_security_questions_answer_hint_placeholder
text_placeholder regular Set TextView's textColorHint and hint. Apply circlepw_security_questions_answer_hint_input_config (C20)'s font. C22
circlepw_security_questions_error_config ✗   ✓ ✓ ✗   circlepw_error circlepw_metadata1 ✗ error regular For text, see
Error Message:hintsMatchAnswers(155705) C23 circlepw_next ✓ ✓ ✓ circlepw_next circlepw_main_bt_text circlepw_mainButtonText circlepw_next
main_bt_text semibold Normal circlepw_main_bt_text_pressed

main_bt_text_pressed

Pressed circlepw_disabled_main_bt_text

main_bt_text_disabled

Disabled C24 circlepw_select_question_title ✓ ✓ ✓ circlepw_select_question_title circlepw_text_main circlepw_toolbarTitle circlepw_select_question_title
text_main medium C25 circlepw_select_question_item_config ✗ ✓ ✓ ✗ circlepw_text_main circlepw_body1 ✗ text_main regular C26
circlepw_security_summary_title ✓ ✓ ✓ circlepw_security_summary_title circlepw_text_main circlepw_toolbarTitle circlepw_security_summary_title text_main
medium C27 circlepw_question_label ✓ ✓ ✓ circlepw_question_label circlepw_text_auxiliary2 circlepw_body2 circlepw_question + ":" text_auxiliary2 regular
C28 circlepw_security_summary_question_value_config ✗ ✓ ✓ ✗ circlepw_text_summary circlepw_body2 ✗ text_summary regular C29
circlepw_answer_label ✓ ✓ ✓ circlepw_answer_label circlepw_text_auxiliary2 circlepw_body2 circlepw_answer + ":" text_auxiliary2 regular C30
circlepw_security_summary_answer_value_config ✗ ✓ ✓ ✗ circlepw_text_summary circlepw_caption2 ✗ text_summary_highlight semibold C31
circlepw_hint_label ✓ ✓ ✓ circlepw_hint_label circlepw_text_auxiliary2 circlepw_body2 circlepw_hint + ":" text_auxiliary2 regular C32
circlepw_security_summary_hint_value_config ✗ ✓ ✓ ✗ circlepw_text_summary circlepw_body2 ✗ text_summary regular C33 circlepw_security_confirm_title
✓ ✓ ✓ circlepw_security_confirm_title circlepw_text_main circlepw_toolbarTitle circlepw_security_confirm_title text_main medium C34
circlepw_security_confirm_headline ✓ ✓ ✓ circlepw_security_confirm_headline circlepw_text_main circlepw_heading4 circlepw_security_confirm_headline
text_main medium C35 circlepw_security_confirm_input_headline ✓ ✓ ✓ circlepw_security_confirm_input_headline circlepw_text_main2 circlepw_caption1
circlepw_security_confirm_input_headline text_main2 semibold C36 circlepw_security_confirm_input_placeholder ✓   ✓
✗   circlepw_security_confirm_input_placeholder circlepw_placeholder circlepw_body1 circlepw_security_confirm_input_placeholder
text_placeholder regular Set TextView's textColorHint and hint. Apply circlepw_security_confirm_input_config (C37)'s font. C37
circlepw_security_confirm_input_config ✗ ✓ ✓ ✗ circlepw_text_main circlepw_body1 ✗ text_main2 regular C37-1 circlepw_security_confirm_input_match ✓ ✗
✗ circlepw_security_confirm_input_match ✗ ✗ circlepw_security_confirm_input_match ✗ ✗ The text is the answer that requires user type. e.g. I agree C38
circlepw_recover_pincode_error_config ✗   ✓ ✓ ✗   circlepw_text_main circlepw_body2 ✗ text_main regular For text, see
Error Message:incorrectSecurityAnswers(155115)securityAnswersLocked(155120) C38-1 circlepw_answer_remain_attemps_template ✓   ✗
✗ circlepw_answer_remain_attemps_template ✗ ✗

e.g. You have %s attempts left. C38-2 circlepw_answer_lock_period_template ✓   ✗ ✗ circlepw_answer_lock_period_template ✗ ✗

e.g. Please wait for %s mins to retry later C39 circlepw_recover_pincode_question_config ✗ ✓ ✓ ✗ circlepw_text_main2 circlepw_body1 ✗ text_main2 regular
C40 circlepw_hint_tag ✓ ✓ ✓ circlepw_hint_tag circlepw_hint_tag_text circlepw_metadata2 circlepw_hint recover_pin_hint_title regular C41
circlepw_recover_pincode_answer_hint_config ✗ ✓ ✓ ✗ circlepw_tag_following_text circlepw_metadata1 ✗ recover_pin_hint regular C42
circlepw_recover_pincode_answer_input_header ✓ ✓ ✓ circlepw_recover_pincode_answer_input_header circlepw_text_auxiliary circlepw_body2
circlepw_recover_pincode_answer_input_header text_auxiliary regular C43 circlepw_recover_pincode_answer_input_placeholder ✓
✓   ✗   circlepw_recover_pincode_answer_input_placeholder circlepw_placeholder circlepw_body1
circlepw_recover_pincode_answer_input_placeholder text_placeholder regular Set TextView's textColorHint and hint. Apply
circlepw_recover_pincode_input_config (C44)'s font. C44 circlepw_recover_pincode_input_config ✗ ✓ ✓ ✗ circlepw_text_main circlepw_body1 ✗ text_main
regular C45 circlepw_confirm ✓ ✓ ✓ circlepw_confirm circlepw_main_bt_text circlepw_mainButtonText circlepw_confirm main_bt_text semibold C46
circlepw_pin_biometrics_allow_title ✓ ✓ ✓ circlepw_pin_biometrics_allow_title circlepw_text_main circlepw_heading3 circlepw_pin_biometrics_allow_title
text_prompt bold C47 circlepw_pin_biometrics_allow_subtitle ✓ ✓ ✓ circlepw_pin_biometrics_allow_subtitle circlepw_text_auxiliary circlepw_body2
circlepw_pin_biometrics_allow_subtitle text_prompt2 regular C48 circlepw_skip ✓ ✓ ✓ circlepw_skip circlepw_second_bt_text circlepw_secondButton
circlepw_skip second_bt_text semibold Normal circlepw_second_bt_text

Pressed circlepw_second_bt_text_disabled

Disabled C49 circlepw_pin_biometrics_disable ✓ ✗ ✗ circlepw_pin_biometrics_disable circlepw_plain_bt_text circlepw_plainButton
circlepw_pin_biometrics_disable plain_bt_text semibold Normal circlepw_plain_bt_text

Pressed circlepw_plain_bt_text_disabled

Disabled C50 circlepw_pin_biometrics_encrypt_title ✓ ✗ ✗ circlepw_pin_biometrics_encrypt_title ✗ ✗ ✗ ✗ Android only. C51
circlepw_pin_biometrics_encrypt_negative_text ✓ ✗ ✗ circlepw_pin_biometrics_encrypt_negative_text ✗ ✗ ✗ ✗ Android only. C52
circlepw_pin_biometrics_encrypt_subtitle ✓ ✗ ✗ circlepw_pin_biometrics_encrypt_subtitle ✗ ✗ ✗ ✗ Android only. C53
circlepw_pin_biometrics_encrypt_desc ✓ ✗ ✗ circlepw_pin_biometrics_encrypt_desc ✗ ✗ ✗ ✗ Android only. C54 circlepw_pin_biometrics_decrypt_title ✓ ✗
✗ circlepw_pin_biometrics_decrypt_title ✗ ✗ ✗ ✗ Android only. C55 circlepw_pin_biometrics_decrypt_negative_text ✓ ✗ ✗
circlepw_pin_biometrics_decrypt_negative_text ✗ ✗ ✗ ✗ ✗ Android only. C56 circlepw_pin_biometrics_decrypt_subtitle ✓ ✗ ✗

circlepw_pin_biometrics_decrypt_subtitle ✘ ✘ ✘ ✘ Android only. C57 circlepw_pin_biometrics_decrypt_desc ✓ ✘ ✘ circlepw_pin_biometrics_decrypt_desc ✘ ✘ ✘ ✘ Android only. C58 circlepw_pin_biometrics_update_title ✓ ✓ ✓ circlepw_pin_biometrics_update_title circlepw_text_main circlepw_heading3 circlepw_pin_biometrics_update_title text_prompt bold After the auto-fill PIN verify fails, the following biometrics setting page title will use this. C59 circlepw_pin_biometrics_update_subtitle ✓ ✓ ✓ circlepw_pin_biometrics_update_subtitle circlepw_text_auxiliary circlepw_body2 circlepw_pin_biometrics_update_subtitle text_prompt2 regular After the auto-fill PIN verify fails, the following biometrics setting page subtitle will use this. C60 ✘ ✘ ✘ ✘ ✘ ✘ circlepw_pin_touch_id_dialog_subtitle ✘ ✘ iOS only. info.plist C61 circlepw_alert_pop_window_description_config ✘ ✓ ✓ ✘ circlepw_alert_pop_description_text circlepw_body2 ✘ ✘ ✘ For text, see Error Message: biometricsKeyPermanentlyInvalidated(155710) Android only. C62 circlepw_alert_pop_window_confirm ✓ ✓ ✓ circlepw_alert_pop_window_confirm circlepw_alert_pop_btn_text circlepw_actionText ✘ ✘ ✘ Android only.

Error Messages

When using this table, reference the ApiError heading in the WalletSDK section of the SDK.

Possible display location ApiError.ErrorCode Default Value Note C5, C38 unknown(-1) Unknown error success(0) Success C5, C38 apiParameterMissing(1) API parameter missing C5, C38 apiParameterInvalid(2) API parameter invalid C5, C38 forbidden(3) Forbidden C5, C38 unauthorized(4) Unauthorized C5, C38 retry(9) Retry C5, C38 customerSuspended(10) Customer suspended C5, C38 pending(11) Pending C5, C38 invalidSession(12) Invalid session C5, C38 invalidPartnerId(13) Invalid partner ID C5, C38 invalidMessage(14) Invalid Message published to a SQS queue. C5, C38 invalidPhone(15) Invalid phone number '%s', format should be in E.164. C5 walletIdNotFound(156001) C5 tokenIdNotFound(156002) C5 transactionIdNotFound(156003) C5 entityCredentialNotFound(156004) C5 walletSetIdNotFound(156005) userAlreadyExisted(155101) user already existed userNotFound(155102) user not found C5, C38 userTokenNotFound(155103) user token not found C5, C38 userTokenExpired(155104) user token expired C5, C38 invalidUserToken(155105) invalid user token C5 userWasInitialized(155106) user was initialized C38 userHasSetSecurityQuestion(155108) user has set security question C5, C38 userWasDisabled(155109) user was disabled C5 userDoesNotSetPinYet(155110) user does not set pin yet C38 userDoesNotSetSecurityQuestionYet(155111) user does not set security questions yet C5 incorrectUserPin(155112) The PIN you entered is incorrect. incorrectDeviceId(155113) incorrect device id incorrectAppId(155114) app id not found C38 incorrectSecurityAnswers(155115) The answers you entered are incorrect. invalidChallengeId(155116) invalid challenge id C5 invalidApproveContent(155117) invalid approve content C5, C38 invalidSecretKey(155118) invalid secret key C5 userPinLocked(155119)

Just display circlepw_pin_lock_period_template (C5-2) C38 securityAnswersLocked(155120) The answers you entered are incorrect. C5 walletIsFrozen(155501) Wallet is Frozen C5 maxWalletLimitReached(155502) Max wallet limit reached C5 walletSetIdMutuallyExclusive(155503) WalletSetId can not be used together with blockchain and address filter C5 metadataUnmatched(155504) metadata array length does not match wallet count userCanceled(155701) User canceled launchUiFailed(155702) C5 pinCodeNotMatched(155703) The PIN you entered is not the same as the first one. C5 insecurePinCode(155704) Your PIN can't have repeating or consecutive numbers. C22 hintsMatchAnswers(155705) Your hint can't be the same as the answer. biometricsSetupFailed(155707) Failed to set biometrics to encrypt PIN. biometricsSettingNotEnabled(155708) "Biometrics instead of PIN" is disabled deviceNotSupportBiometrics(155709) System doesn't support biometrics C61 biometricsKeyPermanentlyInvalidated(155710) Failed to decrypt biometrics key biometricsUserSkip(155711) The user has not enabled biometrics yet biometricsUserDisableForPin(155712) The user refused to enable biometrics biometricsUserLockout(155713) Too many requests. Try again later. biometricsUserLockoutPermanent(155714) Too many requests. The biometrics sensor on the device is locked. biometricsUserNotAllowPermission(155715) The user didn't allow to enable biometrics. biometricsInternalError(155716) Unexpected error for biometrics: %s

Image Customization

The SDK does not contain any image resources for the SDK; you must provide the icon images from either local assets or remote URLs. Each image has its suggested size of width and height shown in the index table's Image view size column. Follow the suggested size to avoid the possibility of a broken layout or unexpected display.

ImageKey

D1~D9

D Index Table

ImageKey ImageView size (dp)

Note width height D1 securityIntroMain 144 144 D2 selectCheckMark 24 24 D3 dropdownArrow 40 40 D4 errorInfo 21 21 D5 securityConfirmMain 144 144 D6 biometricsAllowMain 80 80 D7 showPin 20 15 D8 hidePin 20 15 D9 alertWindowIcon 24 24 Android only D10 close 24 24 D11 back 24 24

Color Customization

Colors can be customized in a static way as a static string; with the UI screenshots and Key mapping index table below, the colors of each string can be defined in the colors.xml.Note that some keys are not specified in the screenshot but can be referenced from the A and C index table in the colors.xml (for Android) and color(for iOS) column. To avoid dynamic customization, initialize a TextConfig that contains text only with no color value. For example, use a configuration with new TextConfig(key, undefined, font). For the static resource usage, please check Android - colors.xml and iOS - CirclePWTheme.json .

New, Confirm, and Enter PIN Code

Security Intros

Security Questions

Security Summary

Security Confirm

Recover PIN Code

F Index Table

colors.xml iOS CirclePWTheme.json Color Code Note F1 circlepw_text_main text_main

1A1A1A

F2 circlepw_text_auxiliary text_auxiliary

3D3D3D

F3 circlepw_text_action text_action

136FD8

Normal action text color F4 circlepw_text_action_pressed text_action_pressed

B3136FD8

Pressed action text color F5 circlepw_placeholder text_placeholder

A3A3A3

F6 circlepw_error error

F55538

F7 circlepw_error_background error_background

FDF2F2

F8 circlepw_text_main2 text_main2

1C1C1C

F9 circlepw_text_auxiliary2 text_auxiliary2

707070

F10 circlepw_text_summary text_summary

0073C3

F11 circlepw_disabled_main_bt_text main_bt_text_disabled

80FFFFFF

Disabled button text color F12 circlepw_main_bt_text main_bt_text

FFFFFF

Normal button text color F13 circlepw_main_bt_text_pressed main_bt_text_pressed

FFFFFF

Pressed button text color F14 circlepw_disabled_main_bt_background main_bt_background_disabled

800073C3

Disabled button background color F15 circlepw_main_bt_background main_bt_background

0073C3

Normal button background color F16 circlepw_main_bt_background_pressed main_bt_background_pressed

1AA3FF

Pressed button background color F17 circlepw_success success

0073C3

F18 circlepw_input_boarder input_border

E8E8E8

Normal input field border F19 circlepw_input_boarder_focused input_border_focused

46B5FF

Focused input field border F20 circlepw_tag_text recover_pin_hint_title

005339

Tag text color F21 circlepw_tag_background recover_pin_hint_title_bg

E1F2FF

Tag background color F22 circlepw_tag_following_text recover_pin_hint

0073C3

F23 circlepw_divider divider

F0EFEF

F24 circlepw_pin_dot_base pin_dot_base

FFFFFF

PIN dot unfilled color F25 circlepw_pin_dot_base_boarder pin_dot_base_boarder

707070

PIN dot unfilled border color F26 circlepw_pin_dot_activated pin_dot_activated

0073C3

PIN dot filled color F27 circlepw_background background

FFFFFF

General background color F28 circlepw_security_confirm_main_bg security_confirm_main_bg

E9EEFE

F29 circlepw_disabled_input_background input_background_disabled

F5F5F5

Disabled input field background color F30 circlepw_second_bt_text second_bt_text

0073C3

F32 circlepw_second_bt_border second_bt_border

0073C3

F34 circlepw_second_bt_background second_bt_background

FFFFFF

F35 circlepw_second_bt_background_pressed second_bt_background_pressed

F1F9FE

F37 circlepw_plain_bt_text plain_bt_text

0073C3

F39 circlepw_plain_bt_background plain_bt_background

FFFFFF

F40 circlepw_plain_bt_background_pressed plain_bt_background_pressed

F1F9FE

Text Style / Font Customization

Styles can be customized in a Static way as a static style by using the UI screenshots and Key mapping index table below. The styles of each string can be defined in the styles.xml file. To avoid dynamic customization, initialize a TextConfig that contains text and color only. For example, use a configuration with new TextConfig(key, color, undefined).

Note:

Some keys (error message) are not specified in the screenshot but can be referenced from the A and C index table at the styles.xml file column. For the static resource usage, please check Android - styles.xml and iOS - CirclePWTheme.json .

G Index Table

styles.xml iOS CirclePWTheme.json Note G1 circlepw_heading3 semibold G2 circlepw_heading4 semibold G3 circlepw_heading5 semibold G4 circlepw_body1 regular G5 circlepw_body2 regular G6 circlepw_caption1 semibold G7 circlepw_caption2 semibold G8 circlepw_metadata1 regular G9 circlepw_metadata2 regular G10 circlepw_actionText semibold G11 circlepw_pinDigitText light G12 circlepw_mainButtonText semibold G13 circlepw_toolbarTitle medium G14 circlepw_datePicker

Android only G15 circlepw_secondButtonText semibold G16 circlepw_plainButtonText semibold

Static Resources

This section describes how to customize the UI statically. Android - strings.xml The example values in the strings.xml file below can be used for Static Customization. The fields also show the default string values in the SDK if you do not set dynamic customization. Please reference this example and add/update any desired text string in your strings.xml under the res/values folder.

XML Continue Next Skip Question: Answer: Hint: Hint - Confirm You have %s attempts left. You've used up all PIN attempts. Please wait for %s mins to retry later. You have %s attempts left. Please wait for %s mins to retry later.

```
<!--   [Page] EnterPINCode-->
<string name="circlepw_enter_pincode_subhead">Let us know if it's really you.</string>
<string name="circlepw_enter_pincode_forgot_pin">Forgot PIN?</string>
```

Use Biometrics

```
<!-- [Page] NewPINCode   -->
<string name="circlepw_new_pincode_subhead">Your PIN can't have repeating (e.g. 000000) or consecutive (e.g. 123456) numbers.</string>
<!--  [Page] ConfirmPINCode  -->
<string name="circlepw_confirm_pincode_headline">Re-enter your PIN to confirm</string>
<string name="circlepw_confirm_pincode_subhead"></string>
<!--  [Page] SecurityIntros  -->
<string name="circlepw_security_intros_description">This is the only way to recover wallet access if you forget your PIN. Pick 2 security questions and provide answers for access recovery.</string>

<!-- [Page] SecurityQuestions  -->
<string name="circlepw_security_questions_title">Recovery method</string>
<string name="circlepw_security_questions_required_mark">*</string>
<string name="circlepw_security_questions_question_placeholder">Select one question</string>
<string name="circlepw_security_questions_answer_header">Provide an answer</string>
<string name="circlepw_security_questions_answer_placeholder">Type your answer here</string>
<string name="circlepw_security_questions_answer_hint_header">Provide an answer hint (optional)</string>
<string name="circlepw_security_questions_answer_hint_placeholder">Type your hint here</string>

<!-- [Page] SelectQuestion   -->
<string name="circlepw_select_question_title">Select one question</string>
<!-- [Page] SecuritySummary   -->
<string name="circlepw_security_summary_title">Summary</string>

<!-- [Page] SecurityConfirm  -->
<string name="circlepw_security_confirm_title">Confirmation</string>
<string name="circlepw_security_confirm_headline">Keep your questions safe</string>
<string name="circlepw_security_confirm_input_headline">Type \"I agree\" to proceed:</string>
<string name="circlepw_security_confirm_input_placeholder">Type \"I agree\" here</string>
<string name="circlepw_security_confirm_input_match">I agree</string>

<!-- [Page] RecoverPINCode  -->
<string name="circlepw_recover_pincode_answer_input_header">Enter your answer here</string>
<string name="circlepw_recover_pincode_answer_input_placeholder">Type your answer here</string>

<string name="circlepw_pin_biometrics_allow_title">Allow Biometrics for Web3 Access</string>
<string name="circlepw_pin_biometrics_allow_subtitle">Elevate your experience with effortless biometrics  recognition</string>
<string name="circlepw_pin_biometrics_disable">Don\'t ask me again</string>
<string name="circlepw_pin_biometrics_encrypt_title">Verify It\'s Youe</string>
<string name="circlepw_pin_biometrics_encrypt_negative_text">Cancel</string>
<string name="circlepw_pin_biometrics_encrypt_subtitle"></string>
<string name="circlepw_pin_biometrics_encrypt_desc"></string>
<string name="circlepw_pin_biometrics_decrypt_title">Verify It\'s Youe</string>
<string name="circlepw_pin_biometrics_decrypt_negative_text">Cancel</string>
<string name="circlepw_pin_biometrics_decrypt_subtitle"></string>
<string name="circlepw_pin_biometrics_decrypt_desc"></string>

<string name="circlepw_pin_biometrics_update_title">Update Biometrics for Web3 Access</string>
<string name="circlepw_pin_biometrics_update_subtitle">Please update your biometrics</string>
```

iOS - CirclePWLocalizable.strings

Setup

1. Create a file CirclePWLocalizable.strings in your main bundle.
2. Provide your strings. Partial override is supported.

Note:

You can provide specific keys and values you want to override and others keys will still refer to the default values.

1. Localization is supported. For more information, see Localization | Apple Developer Documentation.

Example CirclePWLocalizable.strings

XML / * Loco ios export: iOS Localizable.strings * Project: strings.xml conversion * Release: Working copy * Locale: en, English * Exported by: Circle * Exported at: Tue, 27 Jun 2023 23:35:22 +0800 /

// [General] "circlepw_show_pin" = "Show PIN"; "circlepw_hide_pin" = "Hide PIN"; "circlepw_continue" = "Continue"; "circlepw_next" = "Next"; "circlepw_confirm" = "Confirm"; "circlepw_skip" = "Skip";

"circlepw_question" = "Question"; "circlepw_answer" = "Answer"; "circlepw_hint" = "Hint"; "circlepw_empty_placeholder" = "-";

// [Page] EnterPINCode "circlepw_enter_pincode_headline" = "Enter your"; "circlepw_enter_pincode_headline_2" = "PIN"; "circlepw_enter_pincode_subhead" = "Let us know if it's really you."; "circlepw_enter_pincode_forgot_pin" = "Forgot PIN?"; "circlepw_enter_pincode_use_biometrics" = "Use Biometrics";

// [Page] NewPINCode "circlepw_new_pincode_headline" = "Enter your"; "circlepw_new_pincode_headline_2" = "New PIN"; "circlepw_new_pincode_subhead" = "Your PIN can't have repeating (e.g. 000000) or consecutive (e.g. 123456) numbers.";

// [Page] ConfirmPINCode "circlepw_confirm_pincode_headline" = "Re-enter your PIN to confirm"; "circlepw_confirm_pincode_headline_2" = ""; "circlepw_confirm_pincode_subhead" = "";

// [Page] SecurityIntros "circlepw_security_intros_title" = "Recovery Method"; "circlepw_security_intros_headline" = "Set up your"; "circlepw_security_intros_headline_2" = "Recovery Method"; "circlepw_security_intros_description" = "This is the only way to recover wallet access if you forget your PIN. Pick 2 security questions and provide answers for access recovery."; "circlepw_security_intros_link" = "Learn more";

// [Page] SecurityQuestions "circlepw_security_questions_title" = "Recovery method"; "circlepw_security_questions_question_header" = "Choose your %@ question"; "circlepw_security_questions_question_placeholder" = "Select one question"; "circlepw_security_questions_required_mark" = "*"; "circlepw_security_questions_answer_header" = "Provide an answer"; "circlepw_security_questions_answer_placeholder" = "Type your answer here"; "circlepw_security_questions_answer_hint_header" = "Provide an answer hint (optional)"; "circlepw_security_questions_answer_hint_placeholder" = "Type your hint here";

// [Page] SelectQuestion "circlepw_select_question_title" = "Select one question";

// [Page] SecuritySummary "circlepw_security_summary_title" = "Summary";

// [Page] SecurityConfirm "circlepw_security_confirm_title" = "Confirmation"; "circlepw_security_confirm_headline" = "Keep your questions safe"; "circlepw_security_confirm_input_headline" = "Type "I agree" to proceed:"; "circlepw_security_confirm_input_placeholder" = "Type "I agree" here"; "circlepw_security_confirm_input_match" = "I agree";

// [Page] RecoverPINCode "circlepw_recover_pincode_headline" = "Recover your"; "circlepw_recover_pincode_headline_2" = "Web3 PIN"; "circlepw_recover_pincode_subhead" = "Please enter the answer of the security questions provided below."; "circlepw_recover_pincode_answer_input_header" = "Enter your answer here"; "circlepw_recover_pincode_answer_input_placeholder" = "Type your answer here";

// [Page] BiometricsPrompt "circlepw_pin_biometrics_allow_title" = "Allow Biometrics for Web3 Access"; "circlepw_pin_biometrics_allow_subtitle" = "Elevate Your Experience with Effortless Biometrics"; "circlepw_pin_biometrics_failed_title" = "Failed Biometrics for Web3 Access"; "circlepw_pin_biometrics_update_title" = "Update Biometrics for Web3 Access"; "circlepw_pin_biometrics_update_subtitle" = "Please update your biometrics"; "circlepw_pin_biometrics_disable" = "Don't ask me again"; "circlepw_pin_touch_id_dialog_subtitle" = "Using Touch ID protect PIN";

Android - colors.xml

The example values in the colors.xml file can be used for Static Customization. The fields also show the default string values in the SDK if you do not set dynamic customization. Please reference this example and add/update any desired text color in your colors.xml under the res/values folder of the App project.

XML #1A1A1A #3D3D3D #136FD8 #B3136FD8 #A3A3A3 #F55538 #FDF2F2 #1C1C1C #707070 #0073C3 #80FFFFFF #800073C3 #ffffff #0073C3 #ffffff #1AA3FF #0073C3 #800073C3 #0073C3 #800073C3 #FFFFFF #F1F9FE #80F1F9FE #0073C3 #800073C3 #FFFFFF #F1F9FE #80F1F9FE #0B9C4A #E8E8E8 #46B5FF #005339 #E1F2FF #0073C3 #F0EFEF #ffffff #707070 #0073C3 #FFFFFF #E9EEFE #F5F5F5

Android - styles.xml

The example values in the styles.xml file can be used for Static Customization. The fields also show the default style values in the SDK if you do not set dynamic customization. Please reference this example and add or update any desired text styles in your styles.xml file under the res/values folder of the App project. The style can be used to define textSize and fontWeight, and it can also be used in conjunction with the static colors key defined in colors.xml, such as in the following:

XML @color/circlepw_input_boarder_focused XML

```
<style name="circlepw_toolbarTitle">
    <item name="android:textSize">18sp</item>
</style>

<style name="circlepw_datePicker" parent="Theme.AppCompat.Light.Dialog">
    <!-- Top background-->
    <item name="colorAccent">@color/circlepw_main_bt_background</item>
    <!--selected Item color-->
    <item name="colorControlActivated">@color/circlepw_main_bt_background</item>
    <!-- arrow bordercolor(<>)-->
    <item name="android:selectableItemBackgroundBorderless">@color/circlepw_background</item>
    <!--Calender Background color -->
    <item name="android:windowBackground">@color/circlepw_background</item>
    <!-- Ok Cancel Color-->
    <item name="colorOnPrimary">@color/circlepw_main_bt_background</item>
    <!-- Week TextColor-->
    <item name="android:textColorSecondary">@color/circlepw_text_main</item>
    <!-- Calender Number color arrow color (< >) -->
```

```xml
    <item name="android:textColorPrimary">@color/circlepw_text_main</item>
    <!--day , month-->
    <item name="android:textColorPrimaryInverse">@color/circlepw_background</item>
    <!-- year-->
    <item name="android:textColorSecondaryInverse">@color/circlepw_background</item>
</style>
```

</resourc The style can be used to define textSize and fontWeight, and it can also be used in conjunction with the static colors key defined in colors.xml, such as in the following:

XML @color/circlepw_input_boarder_focused XML

```xml
<style name="circlepw_datePicker" parent="Theme.AppCompat.Light.Dialog">
    <!-- Top background-->
    <item name="colorAccent">@color/circlepw_main_bt_background</item>
    <!--selected Item color-->
    <item name="colorControlActivated">@color/circlepw_main_bt_background</item>
    <!-- arrow bordercolor(<>)-->
    <item name="android:selectableItemBackgroundBorderless">@color/circlepw_background</item>
    <!--Calender Background color -->
    <item name="android:windowBackground">@color/circlepw_background</item>
    <!-- Ok Cancel Color-->
    <item name="colorOnPrimary">@color/circlepw_main_bt_background</item>
    <!-- Week TextColor-->
    <item name="android:textColorSecondary">@color/circlepw_text_main</item>
    <!-- Calender Number color arrow color (< >) -->
    <item name="android:textColorPrimary">@color/circlepw_text_main</item>
    <!--day , month-->
    <item name="android:textColorPrimaryInverse">@color/circlepw_background</item>
    <!-- year-->
    <item name="android:textColorSecondaryInverse">@color/circlepw_background</item>
</style>
```

iOS - CirclePWTheme.json

Setup

1. Copy the file CirclePWTheme.json into your main bundle. You can use
2. Cmd + drag and drop

3. .

4. Make sure you have selected the

5. Target Membership

6. .

7. Provide values to set the font: To use a custom font, refer to this document Adding a Custom Font to Your App | Apple Developer Documentation.

8. Set thecolor
9. with a hex string:

Example: CirclePWTheme.json

XML { "font": { "ultraLight": "", "thin": "", "light": "", "regular": "CustomFont-Regular", "medium": "CustomFont-Medium", "semibold": "", "bold": "", "heavy": "", "black": "" }, "color": { "background": "#FFFFFF", "divider": "#F0EFEF", "success": "#0B9C4A", "error": "#F55538", "error_background": "#FDF2F2",

"text_main": "#1A1A1A",
"text_main2": "#1C1C1C",
"text_auxiliary": "#3D3D3D",
"text_auxiliary2": "#707070",
"text_summary": "#0073C3",
"text_summary_highlight": "#0073C3",
"text_placeholder": "#A3A3A3",
"text_action": "#136FD8",
"text_action_pressed": "#B3136FD8",
"text_prompt": "#29233B",
"text_prompt2": "#6B6580",

"pin_dot_base": "#FFFFFF",
"pin_dot_base_border": "#707070",
"pin_dot_activated": "#3D3D3D",
"pin_dot_focused": "#0073C3",

"input_border": "#E8E8E8",
"input_border_focused": "#46B5FF",
"input_background_disabled": "#F5F5F5",

"main_bt_text": "#FFFFFF",
"main_bt_text_pressed": "#80FFFFFF",
"main_bt_text_disabled": "#BFBFBF",
"main_bt_background": "#0073C3",
"main_bt_background_pressed": "#1AA3FF",
"main_bt_background_disabled": "#F5F5F5",

"second_bt_text": "#0073C3",
"second_bt_border": "#0073C3",
"second_bt_background": "#FFFFFF",
"second_bt_background_pressed": "#F1F9FE",

"plain_bt_text": "#0073C3",

```
"plain_bt_background": "#FFFFFF",
"plain_bt_background_pressed": "#F1F9FE",


"recover_pin_hint_title": "#3D3652",
"recover_pin_hint_title_bg": "#E1F2FF",
"recover_pin_hint": "#0073C3",


"security_confirm_main_bg": "#E9EEFE",


"title_gradients": ["#0073C3", "#0073C3"],
```

} } Updated5 days ago *