

Tanaguru Contrast Finder Test Plan

Cougars Roar

Test Case #1-5: validateColor in ColorModelValidator.java & hex2Rgb in ColorConverter.java
Testing hexadecimal boundaries of valid colors to select for contrast

Test Case	1
Requirement	Color object is set to colorValue value via ColorConverter.hex2Rgb
Component	ColorModelValidator.java & ColorConverter.java
Method	ValidateColor & hex2Rgb
Test Input(s)	#FFFFFF
Expected Outcome	255, 255, 255

Test Case	2
Requirement	rejectValue method is run on colorKey, then returns
Component	ColorModelValidator.java
Method	validateColor
Test Input(s)	“Blank”
Expected Outcome	errorCode = “NOT_A_VALID_COLOR,” defaultMessage = “La couleur doit etre entre #000000 a #FFFFFF”

Test Case	3
Requirement	rejectValue method is run on colorKey
Component	ColorModelValidator.java
Method	validateColor
Test Input(s)	null
Expected Outcome	errorCode = “NOT_A_VALID_COLOR,” defaultMessage = “La couleur doit etre entre #000000 a #FFFFFF”

Test Case	4
Requirement	Color object is set to colorValue value via ColorConverter.hex2Rgb
Component	ColorModelValidator.java & ColorConverter.java

Method	ValidateColor & hex2Rgb
Test Input(s)	FFFFFF
Expected Outcome	255, 255, 255

Test Case	5
Requirement	ColorConverter.hex2Rgb is called, returns null, and rejectValue is run on colorKey
Component	ColorModelValidator.java & ColorConverter.java
Method	ValidateColor & hex2Rgb
Test Input(s)	#FFF
Expected Outcome	errorCode = "NOT_A_VALID_COLOR," defaultMessage = "La couleur doit etre entre #000000 a #FFFFFF"