

# FLUX NOTES

## COMPONENTS DOCUMENT v04

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# Principles

## Theme

*A linear narrative, supported by charts and visuals, present the patient data. The clinician records notes on pages of notepaper.*

## Space

*The interface is tidy, comfortable, and boasts plenty of breathing space. The spaces of the user interface are subtly divided by soft borders and boundaries. Interactive elements blend into the record.*

## Depth and layering

*The patient record and the tools to manipulate the record are flat. Although some temporary elements require layering, visibility is controlled with collapsing and expanding. Depth and shadows are reserved for elements that are portrayed with physical concrete forms.*

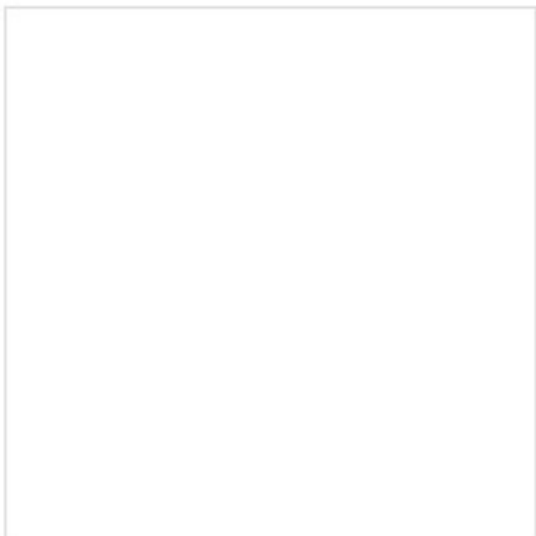
## Icons

*Graphical elements are simple, familiar, and monochrome. If the functionality is unclear, resort to concrete representative objects such as pills, pencils, and scraps of notepaper, rather than using vague symbols such as arrows and boxes.*

# COLOR PALETTE

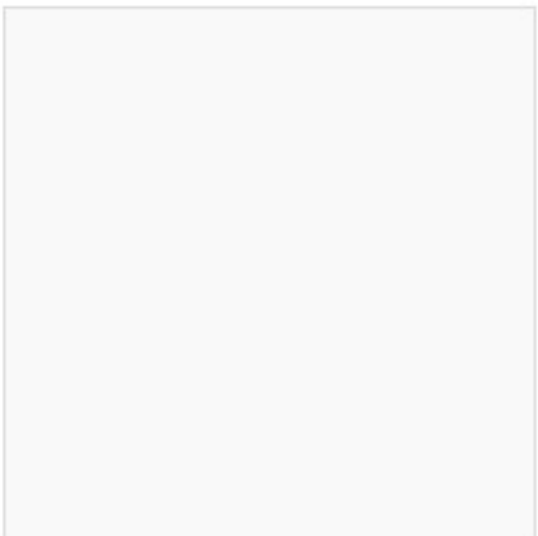
# COLOR PALETTE: Primary Palette

## Background



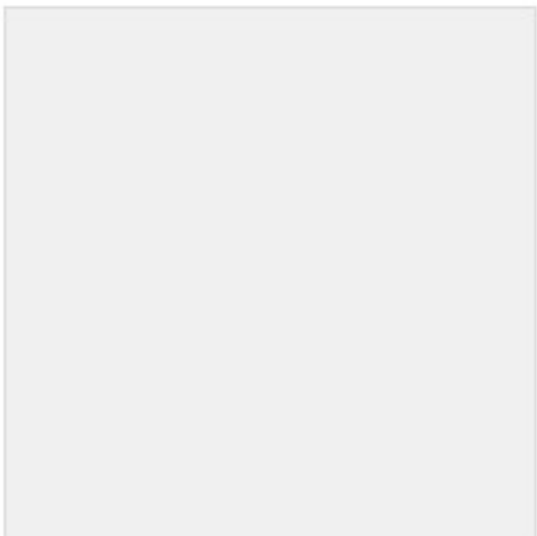
### Background

hex FFFFFFFF  
rgb 255 255 255



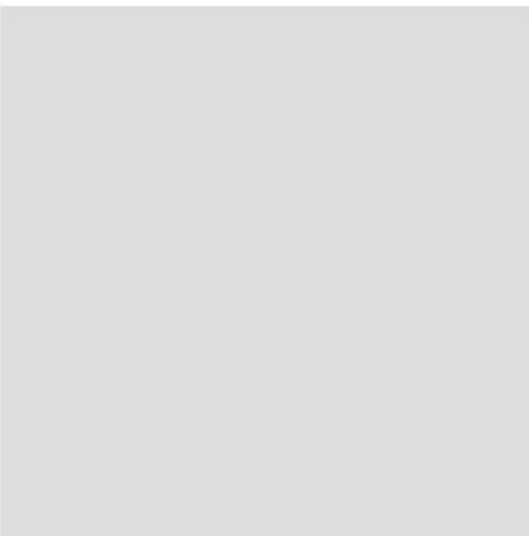
### Contrast gray

hex F9F9F9  
rgb 249 249 249



### Feature gray

hex FoFoFo  
rgb 240 240 240



### Line gray

hex DDDDDD  
rgb 221 221 221

Apply contrast gray to alternate cells in tables or to assist visibility of distinct areas such as the header. Apply Feature gray to small UI features such as scroll bars, selection boxes, and inactive buttons. Use Line gray for section dividers and outlines.

## Type



### Body gray

hex 232323  
rgb 35 35 35



### Body gray light

hex 4F4F4F  
rgb 79 79 79



### State

hex 767676  
rgb 118 118 118

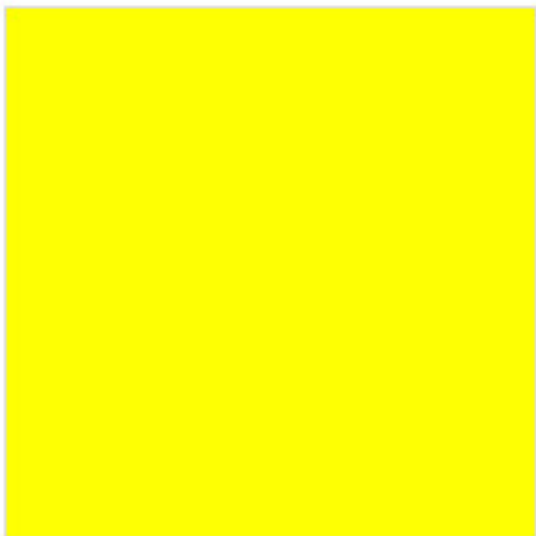


### Warning Red Text

hex BA2121  
rgb 186 33 33

Apply State gray to text that changes with the state of the display, such as mode text, missing data text, condition text, and filter text. Apply Body gray light to text that’s on the periphery of Flux Notes (non clinical note, non patient summary). Warning Red Text is applied to destructive button text.

## Search Highlight



### Search Yellow

hex FFFF03  
rgb 255 255 3



### Active Search Orange

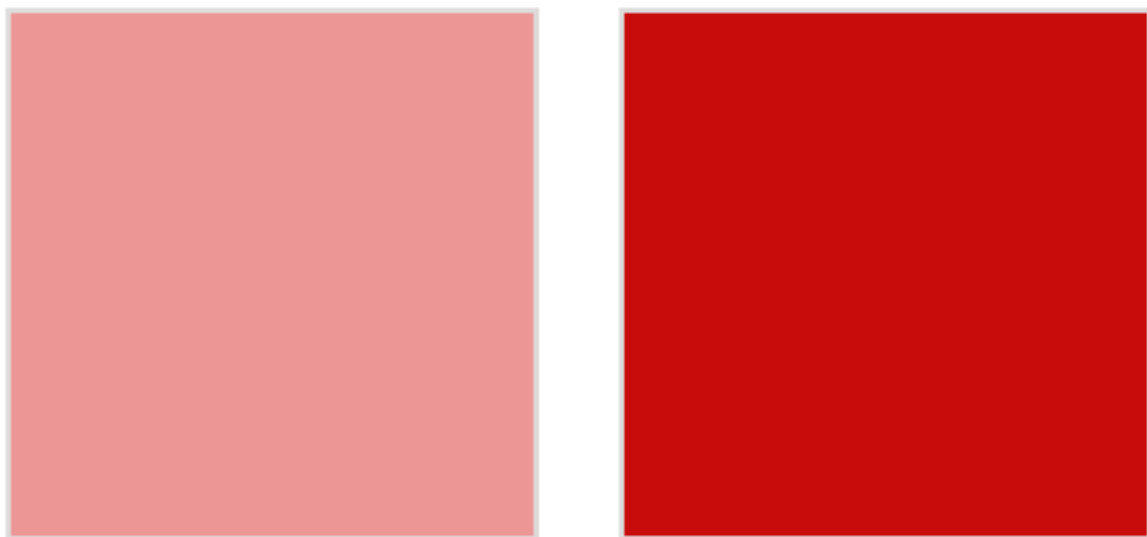
hex FF9632  
rgb 255 150 50

Apply Search Yellow as highlighting for search results, and Active Search Orange for highlighting of the active search results. These are the colorings used by chrome, and are accepted as accessible. See “TEXT STYLE: Decoration” for further details.



# COLOR PALETTE: Primary Palette

## Alert



Missing Data Red

hex EC9696  
rgb 236 150 150

Warning Red

hex C80B0B  
rgb 200 11 11

Missing Data Red is reserved for underlining text pointing to missing data in the SHR. It should not be used to color text or as a solid block. Warning Red is used to alert the physician to exceptional data or actions in graphical element.

## SHR Context



SHR Context Dark

hex 298085  
rgb 41 128 133

SHR Context Line

hex 55C9CE  
rgb 85 201 206

SHR Context Light

hex DAF7F8  
rgb 218 247 248

SHR Context Dark and Light are used to highlight text, while SHR Context Line is used to underline text, that is linked to structured data in the SHR.

## Interactive



Interface Blue

hex 028DEA  
rgb 2 141 234

Interface Blue Text

hex 0079CA  
rgb 0 121 202

Interface Blue is intended for user interface elements and for indicating items selected in the user interface (expansions, dropdowns, etc.). Interface Blue Text is for interactive text.

# COLORS: Colorblindness

## protanopia



Warning Red Text

hex BA2121

rgb 186 33 33

Missing Data Red

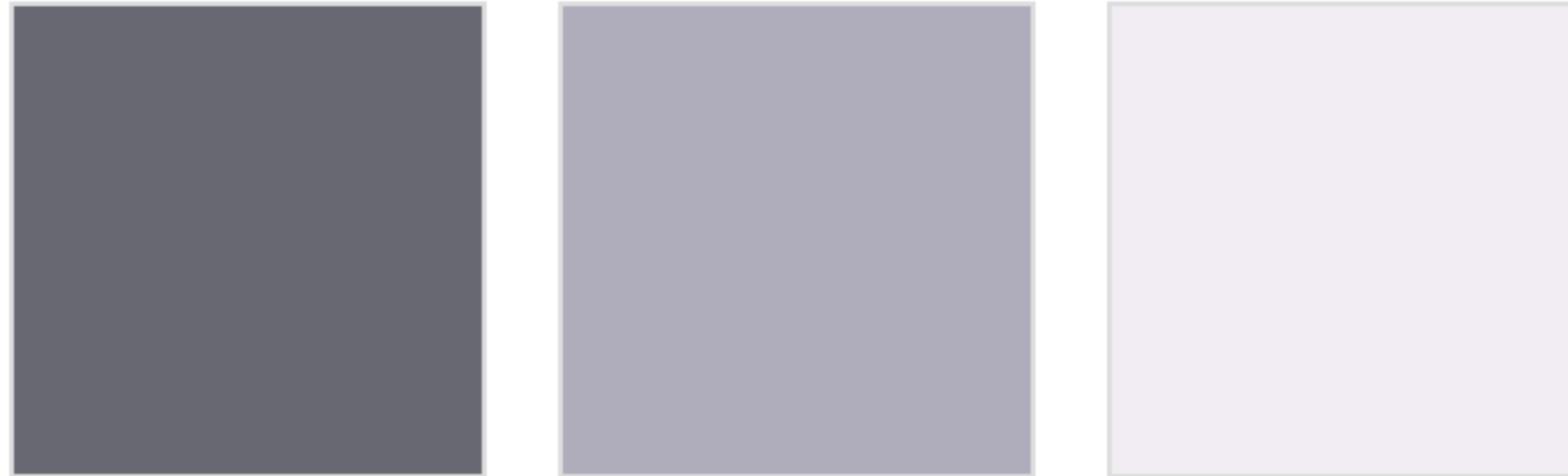
hex EC9696

rgb 236 150 150

Warning Red

hex C80BoB

rgb 200 11 11



SHR Context Dark

hex 298085

rgb 41 128 133

SHR Context Line

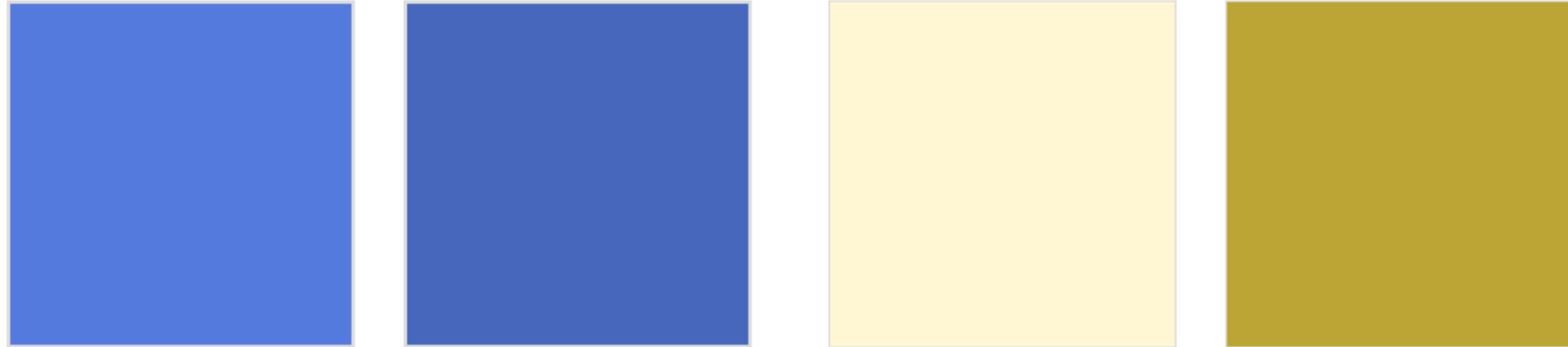
hex 55C9CE

rgb 85 201 206

SHR Context Light

hex DAF7F8

rgb 218 247 248



Interface Blue

hex 028DEA

rgb 2 141 234

Interface Blue Text

hex 0079CA

rgb 0 121 202

Search Yellow

hex FFFF03

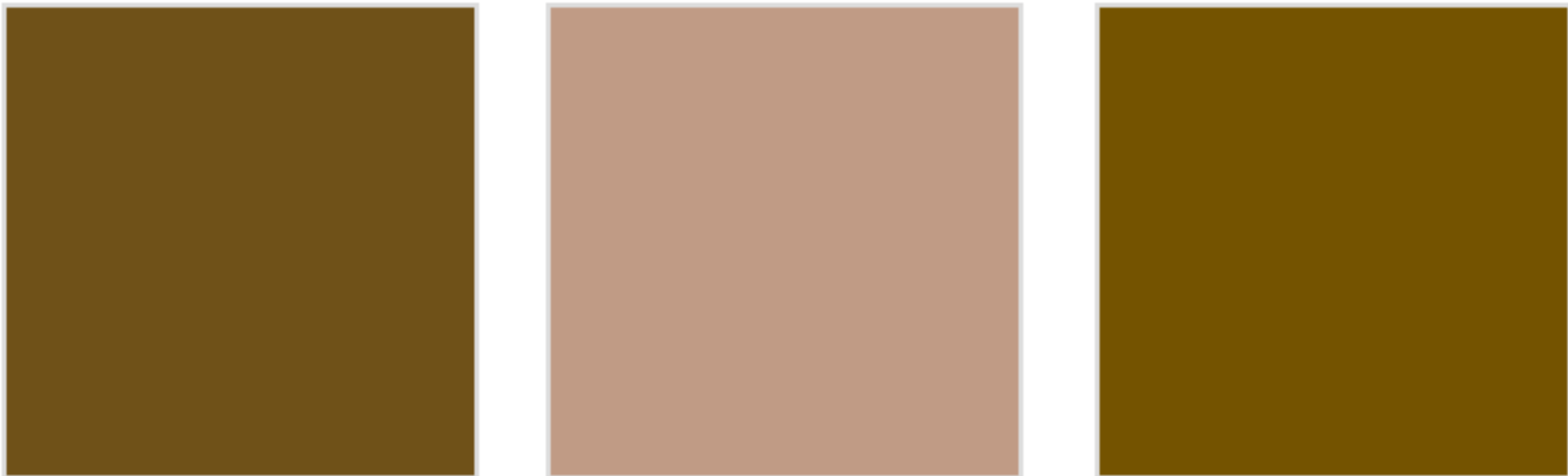
rgb 255 255 3

Active Search Orange

hex FF9632

rgb 255 150 50

## deuteranopia



Warning Red Text

hex BA2121

rgb 186 33 33

Missing Data Red

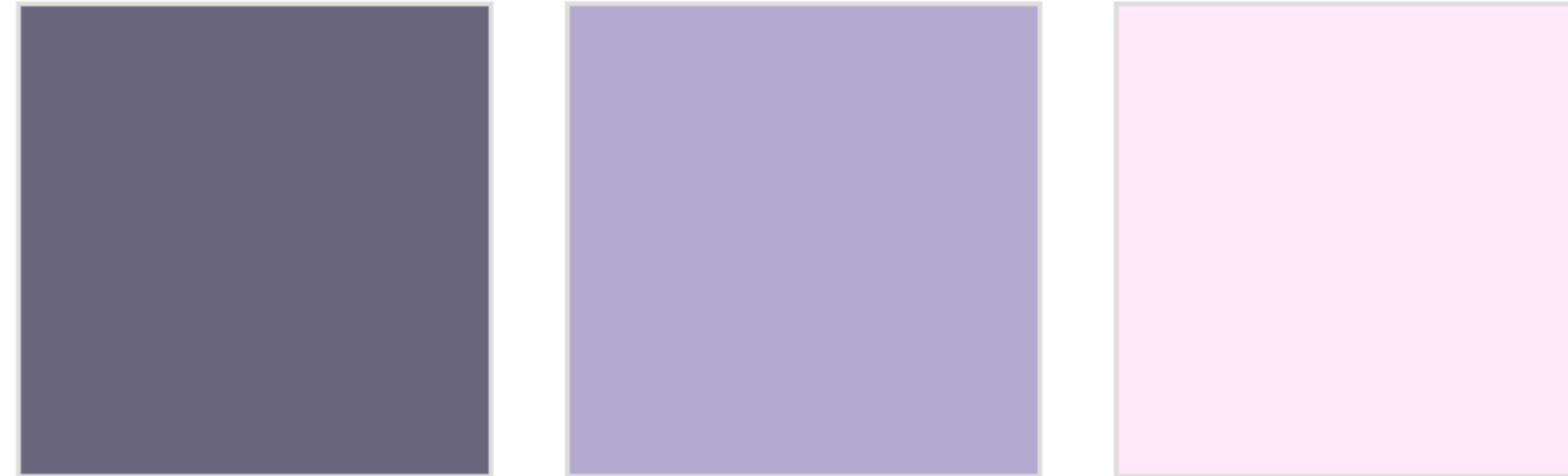
hex EC9696

rgb 236 150 150

Warning Red

hex C80BoB

rgb 200 11 11



SHR Context Dark

hex 298085

rgb 41 128 133

SHR Context Line

hex 55C9CE

rgb 85 201 206

SHR Context Light

hex DAF7F8

rgb 218 247 248



Interface Blue

hex 028DEA

rgb 2 141 234

Interface Blue Text

hex 0079CA

rgb 0 121 202

Search Yellow

hex FFFF03

rgb 255 255 3

Active Search Orange

hex FF9632

rgb 255 150 50

**TEXT STYLE**

# TEXT STYLE: Reusable Styles

Use regular weight on all body text, table cell content. Also use regular weight with subsection headers, UI element labels, and interactive text, all of which are given emphasis with other techniques.

Use semibold weight for section headings, column headings, and timeline titles.

Section header	Open Sans Semibold   #232323 RGB (35, 35, 35)   16px
Text emphasis visual view	Open Sans Regular   #232323 RGB (35, 35, 35)   16px
Subsection header	Open Sans Semibold   #232323 RGB (35, 35, 35)   14px
Narrative body text	Open Sans Regular   #232323 RGB (35, 35, 35)   14px
Tabular column header	Open Sans Semibold   #232323 RGB (35, 35, 35)   14px
Tabular body text	Open Sans Regular   #232323 RGB (35, 35, 35)   14px
Right context tray #@ shortcuts	Open Sans Regular   #232323 RGB (35, 35, 35)   12px
Tabular missing data	Open Sans Regular   #767676 RGB (118, 118, 118)   12px
Notes label text	Open Sans Regular   #232323 RGB (35, 35, 35)   10px
Menu detail title	Open Sans Semibold   #232323 RGB (35, 35, 35)   10px



## TEXT STYLE: Decoration

Narrative Missing Data, is Body Grey and underlined in missing data red.

Tabular Missing Data, is state grey and underlined in missing data red.

Structured Data in Targeted Data Panel (TDP) is underlined in SHR Context Line.

Structured Data in TDP that has opened a menu is in **White with SHR Context Dark highlight.**

Tentative structured data from unsaved note, both in TDP and within note, has dashed underline in SHR Context Line.

Structured Data pulled into note is in State Gray.

**Placeholder text is highlighted in Line Gray.**

**Search results are *always* in Body Grey and highlighted in Search Yellow.**

**Active search results are *always* in Body Grey and highlighted in Active Search Orange.**

LAYOUT

# LAYOUT: Narrative View

## Section title



### Subsection title

NARRATIVE TEXT 14 FONT REGULAR. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading. [Narrative text placeholder](#). Narrative text should be fairly large to enable ease of reading. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading.

NARRATIVE TEXT 14 FONT REGULAR. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading. [Narrative text placeholder](#). Narrative text should be fairly large to enable ease of reading. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading.

Font-size: 14px  
Color: Body gray (#232323)  
Font weight: regular  
Line height: 20px (1.4x font-size)



Width: 1.5px  
Color: Line Gray (#DDDDDD)  
Opacity: 100%

## Section title



### Subsection title

NARRATIVE TEXT 14 FONT REGULAR. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading. [Narrative text placeholder](#). Narrative text should be fairly large to enable ease of reading. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading.

NARRATIVE TEXT 14 FONT REGULAR. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading. [Narrative text placeholder](#). Narrative text should be fairly large to enable ease of reading. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading.

Width: 1px  
Color: Line Gray (#DDDDDD)  
Opacity: 100%

Width: 1px  
Color: SHR Context Line (#55C9CE)

LAYOUT: Tabular View

Section title

Subsection title

NARRATIVE TEXT 14 FONT REGULAR. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading. [Narrative text placeholder](#). Narrative text should be fairly large to enable ease of reading. Narrative text placeholder. Narrative text should be fairly large to enable ease of reading.

Section title

Subsection title

Column header	Column header	Column header
Cell text	Cell text	Cell text
Cell text	Cell text	Cell text
Cell text	Cell text	Cell text
Prev 1 2 3 ... 6 Next1-3 entries of 18		

Width: 1px

Color: Line gray (#DDDDDD)

Color: Contrast Gray (#F9F9F9)

Subsection title

Left hanging labels

Content of the subsection, such as tables, charts, and timelines, are left aligned on the graphic. If there is left hanging text, it hangs into the margin.











> Expandable subsection

ICONS







# ICONS








## Global

-  Close
-  Close (warning)
-  Dropdown
-  Search
-  New element
-  Dropdown expansion
-  Edit field (e.g. note title)
-  Checkbox (checked)
-  Check
-  Checkbox (unchecked)




## Clinical notes

-  Structured phrase mode
-  Clinical notes mode
-  Delete the clinical note
-  POC mode












## Patient record exploration

-  Narrative mode (deselected)
-  Narrative mode (selected)
-  Tabular mode (deselected)
-  Tabular mode (selected)
-  Visualization mode (deselected)
-  Visualization mode (selected)
-  Edit mode for minimap

## Visualizations

-  Morning
-  Afternoon
-  Night

## Timeline

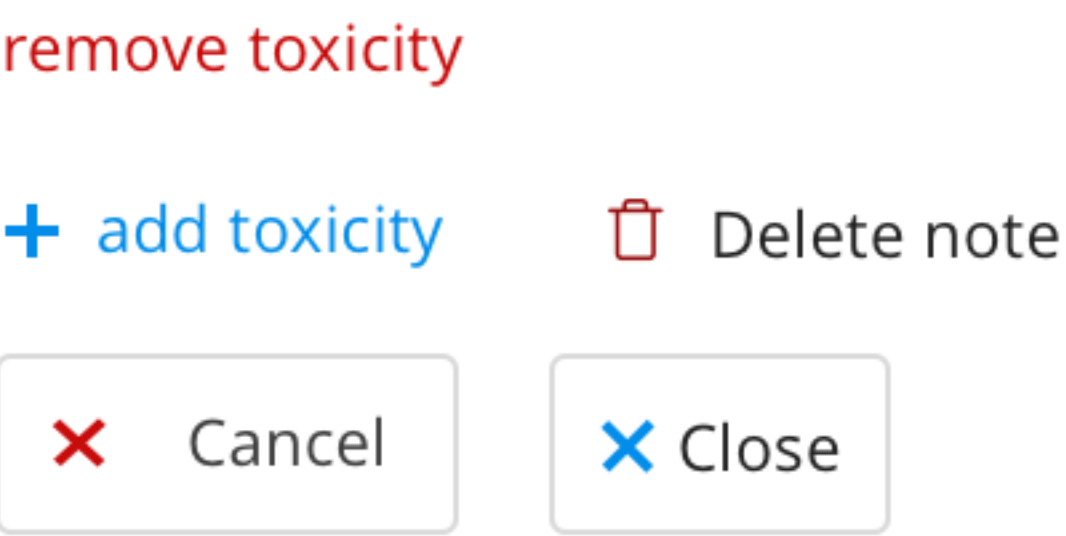
-  Inpatient (deselected)
-  Inpatient (selected)
-  Outpatient (deselected)
-  Outpatient (selected)
-  Medications (deselected)
-  Medications (selected)
-  Allergy panel
-  Grade 2
-  Grade 3
-  Grade 4
-  Grade 5

# INTERACTIVE ELEMENTS

# INTERACTIVE ELEMENTS: Buttons

## Text and Textual Buttons

- Action text is colored blue or red.
- Body color or same color if accompanied by icon.
- Icon is of text height.
- High priority buttons have border of 1 px thickness, Line Gray, 3 px radius, no drop shadow.



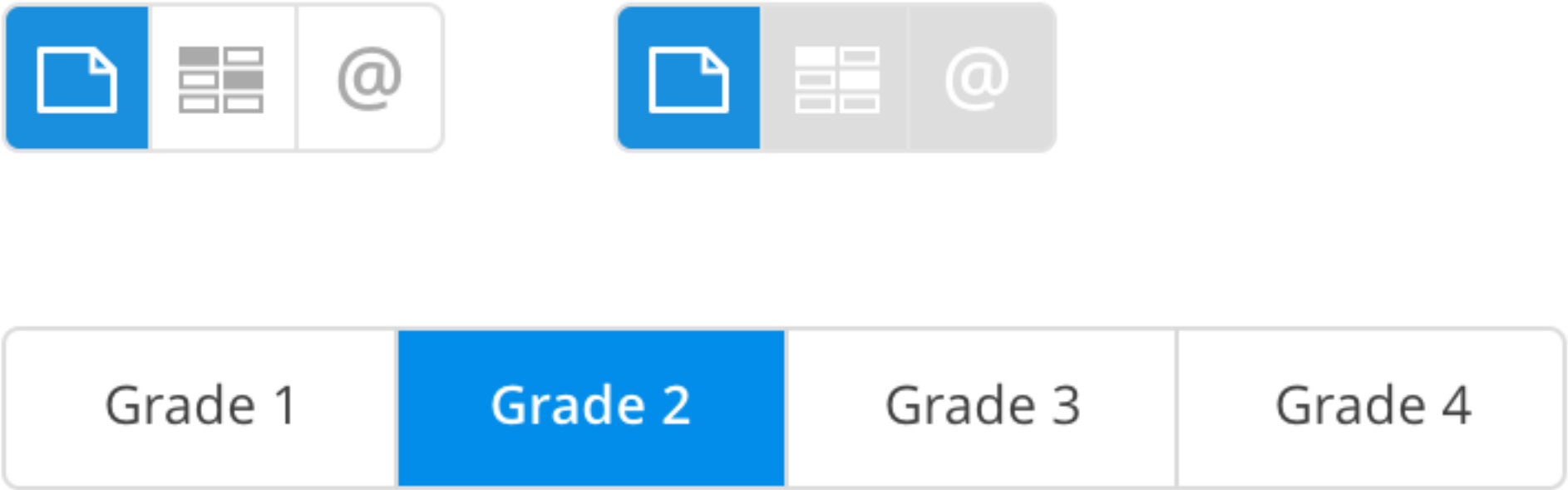
## Visualization Mode Toggle

- A section may have a strip of icons representing the visualization modes.
- The user taps on an icon to change the view of that section.
- Inactive icons are in gray, while active icons are in blue.
- Icons are separated by 15 px.



## Right Hand Panel and POC selection toggles

- Similar to Visualization mode toggles, but each element is within a button.
- The buttons are joined up, sharing lines in between.
- Border is 1px, Line Gray, rounded with radius 4 px at exterior corners.
- Selected item is white-on-blue, and deselected items are gray-on-white.
- Unavailable items are white-on-gray.



# INTERACTIVE ELEMENTS: Filters and menus

## Section Filters

Dropdown from “Filters” or equivalent text to expose available options.  
Options are given with simple gray checkboxes.  
Options may be organized below titles.  
Active filters are enumerated beside “Filters”, with deletion “x”s.

## Popup Menus

Selecting structured data, for example, opens a contextual popup menu.  
Box:  
fill: white  
border: 1px, Feature Gray  
drop shadow: #BABABA, y=2, blur = 4  
Text as indicated.  
Hover: Interactive Blue highlight. `

> Filter timeline ✖ medication: treatment

∨ Filter timeline ✖ medication: treatment

- | medication intent                               | medication class                                    | procedures                       | events                                  |
|---|---|----------------------------------|---|
| <input checked="" type="checkbox"/> treatment   | <input type="checkbox"/> inhibitors                 | <input type="checkbox"/> surgery | <input type="checkbox"/> disease status |
| <input type="checkbox"/> side effect management | <input type="checkbox"/> paid relief                | <input type="checkbox"/> imaging | <input type="checkbox"/> key events     |
| <input type="checkbox"/> primary symptoms       | <input type="checkbox"/> something else that’s long |                                  |   |

White semibold

Body gray. 14pt. Line 27.



# KEY SCREENS







- ✓
- Summary
- Medication
- Progression
- Family
- Timeline
- Symptoms & toxicities
- Allergies
- Regimen
- Directive
- Labs
- Treatmt. options
- Disease status
- Careplan

Dr. Jraker299 referred ms. Debra24 Hernandez98Aj due to pain in left breast. Dr. Jraker299 is ms. Debra24 Hernandez98Aj's primary care physician for 12 years.

Summary

Ms. Debra24 Hernandez98Aj is a 51-year-old menopausal non hispanic or latino woman with invasive ductal carcinoma of the breast, diagnosed on 13 January 2012. Her most recent status, recorded on 15 May 2017, is of worsening, disease progression based on pathology, imaging, and symptoms.

She underwent a lumpectomy. She underwent a sentinel lymph node biopsy on 20 September 2012 which revealed infiltrating poorly differentiated ductal carcinoma, stage IV, estrogen receptor 0, etc.

diagnostic mammogram on 4 October 2013 revealed a 2 cm mass in the right breast at 7 o'clock and an

Medication

Letrazole

2.5mg qdr

127

reduced from

5 mg qd on 13 Nov '17

oral route

13 Nov 2017

Dr Yosemite299a

ibuprofen 400 mg tablets

2

increased from

2 tablets on 13 Dec '17

oral route

13 Dec 2017

Dr Yosemite299a

replaced by

ibuprofen 400... 13 Nov '17


oral route


4 Nov 2017


Dr Yosemite299a


The minimap is in edit mode. The user taps on sections to activate them, and taps the blue check at the top to accept.


new concepts for medication visualization are available in Concepts\_v14.9.











New note

Sort by

most recent ▼

+ Search filters

47 previous notes

2 Aug 2017

Clinical follow-up

Dr. Free2 Will

Dana Farber Cancer Insti...

20 Jun 2017

Clinical follow-up

Dr. Free2 Will

Dana Farber Cancer Insti...

14 May 2017

Clinical follow-up

Dr. Free2 Will

Dana Farber Cancer Insti...

8 May 2017

Clinical follow-up

Dr. Free2 Will

Dana Farber Cancer Insti...

View 10 more clinical notes from 2015 - 2017



