

Converting Colors

CIELCh(65, 50.939, 25.195)

Have a look what the booklet for
CIELCh(65, 50.939, 25.195) contains.

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Color

CIELCh(65, 50.935, 25.722)

Conversions

Conversions Part 1

Format	Color
Hex	F27A79
RGB	242, 122, 121
RGB Percent	95%, 48%, 47%
CMY	0.0522, 0.5226, 0.5265
CMYK	0.00, 0.50, 0.50, 0.05
HSL	0°, 82%, 71%
HSV	0°, 50%, 95%
XYZ	46.8711, 34.0472, 22.1069
YIQ	157.7660, 71.8410, 25.1290

Conversions

Conversions Part 2

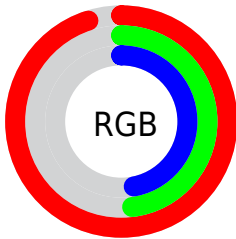
Format	Color
R _Y B	242, 122, 121
Decimal	15891065
CIE Lab	65.00, 45.89, 22.11
CIE LCh	65, 50.935, 25.722
Yxy	34.0472, 0.4549, 0.3305
Android (android.graphics.Color)	4294081145 (0xFFFF27A79)
YUV	157.7660, -18.1256, 73.8732
Hunter-Lab	58.3500, 41.2722, 18.3819

Details

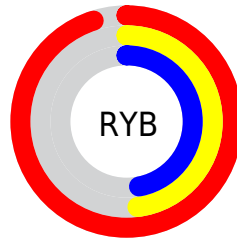
The CIELCh color **65, 50.935, 25.722** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **89, 35.130, 198.025**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.060, 25.854**, and **45, 51.228, 26.074** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.654, 28.069**, and if you desaturate by 10%, it is **70, 39.488, 23.917**.

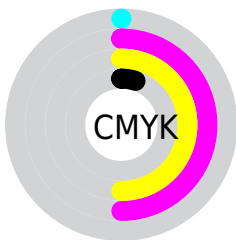
Distribution



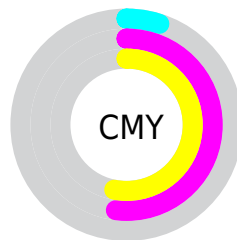
- Red (95%)
- Green (48%)
- Blue (47%)



- Red (95%)
- Yellow (48%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 50.935, 25.722 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 50.935, 25.722 by changing the saturation by 10% instead.

65, 50.935, 25.722

65, 50.935, 25.722

100, 50.935,
25.722

55, 50.935, 25.722

85, 50.935, 25.722

45, 50.935, 25.722

95, 50.935, 25.722

35, 50.935, 25.722

25, 50.935, 25.722

15, 50.935, 25.722

5, 50.935, 25.722

0, 50.935, 25.722

65, 50.935, 25.722

65, 50.935, 25.722

60, 62.654, 28.069

70, 39.488, 23.917

■ 56, 74.278, 31.010

■ 76, 28.577, 22.538

■ 53, 85.248, 34.435

■ 82, 18.341, 21.480

■ 51, 94.482, 37.774

■ 89, 8.831, 20.645

■ 51, 100.313,
40.062

■ 95, 0.039, 3.365

■ 99, 4.590, 199.259

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 50.935, 25.722



89, 35.130, 198.025

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 50.935, 25.722



65, 50.935, 75.722



65, 50.935, 205.722



65, 50.935, 255.722

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 50.932, 25.725



90, 14.055, 21.042



69, 74.441, 327.058



46, 9.670, 21.222



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 50.932, 25.725



63, 65.410, 28.103



78, 41.960, 69.099



47, 4.952, 20.601



38, 81.588, 40.083



8, 29.655, 24.240

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



89, 35.130, 198.025



92, 41.360, 197.799



72, 36.235, 265.039



49, 4.662, 199.681



67, 38.701, 197.659



20, 16.922, 197.481

Previews

White Background



This preview shows how the CIELCh color 65, 50.935, 25.722 looks on a white background.

Color Contrast Check

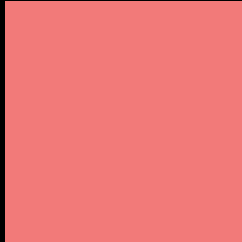
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 50.935, 25.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 50.935, 25.722

Background



This preview shows how black text looks on a background with the CIELCh color 65, 50.935, 25.722.

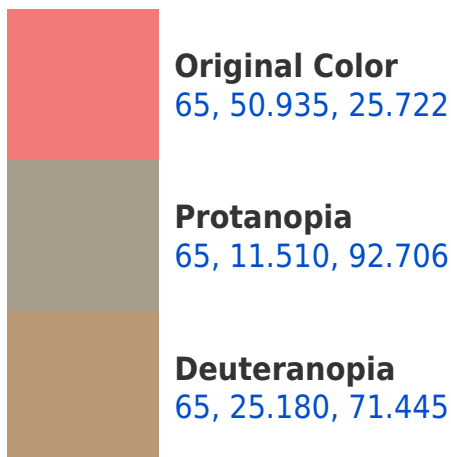


This preview shows how white text looks on a background with the CIELCh color 65, 50.935, 25.722.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
65, 50.639, 19.948

Trichromacy



Original Color
65, 50.935, 25.722

Protanomaly
64, 21.861, 40.212

Deuteranomaly
65, 31.669, 45.098

Tritanomaly
65, 50.597, 22.245

Monochromacy



Original Color
65, 50.935, 25.722

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 17.811, 21.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 50.935, 25.722 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 122, 121)` looks like.

```
.text, #text, p{  
    color:rgb(242, 122, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 122, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 50.935, 25.722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 122, 121) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 122, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 122, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 122, 121); box-shadow:4px 4px 4px 4px rgb(242, 122, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 50.935, 25.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 122, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
122, 121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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