

Converting Colors

CIELCh(65, 49.953, 25.040)

Have a look what the booklet for
CIELCh(65, 49.953, 25.040) contains.

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Color

CIELCh(65, 49.953, 25.040)

Conversions

Conversions Part 1

Format	Color
Hex	F07A7A
RGB	240, 122, 122
RGB Percent	94%, 48%, 48%
CMY	0.0569, 0.5199, 0.5200
CMYK	0.00, 0.49, 0.49, 0.06
HSL	0°, 80%, 71%
HSV	0°, 49%, 94%
XYZ	46.6472, 34.0472, 22.6549
YIQ	157.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

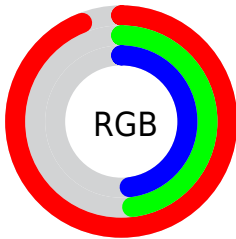
Format	Color
R_{YB}	240, 122, 122
Decimal	15759994
CIE _{Lab}	65.00, 45.26, 21.14
CIE _{LCh}	65, 49.953, 25.040
Yxy	34.0472, 0.4514, 0.3294
Android (android.graphics.Color)	4293950074 (0xFFFF07A7A)
YUV	157.2820, -17.3940, 72.5437
Hunter-Lab	58.3500, 40.5874, 17.8251

Details

The CIELCh color **65, 49.953, 25.040** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **88, 34.815, 197.212**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 30.954, 24.905**, and **45, 50.191, 25.276** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.631, 27.397**, and if you desaturate by 10%, it is **70, 38.548, 23.230**.

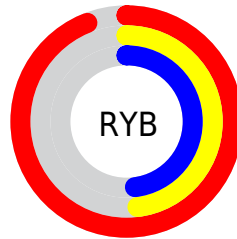
Distribution



Red (94%)

Green (48%)

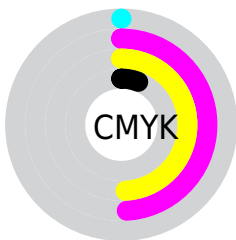
Blue (48%)



Red (94%)

Yellow (48%)

Blue (48%)

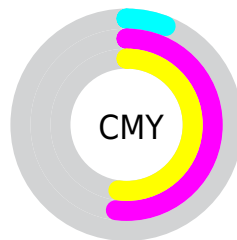


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (6%)



Cyan (6%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 49.953, 25.040 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, 49.953, 25.040 by changing the saturation by 10% instead.

65, 49.953, 25.040

65, 49.953, 25.040

100, 49.953,
25.040

55, 49.953, 25.040

85, 49.953, 25.040

45, 49.953, 25.040

95, 49.953, 25.040

35, 49.953, 25.040

25, 49.953, 25.040

15, 49.953, 25.040

5, 49.953, 25.040

0, 49.953, 25.040

65, 49.953, 25.040

65, 49.953, 25.040

60, 61.631, 27.397

70, 38.548, 23.230

■ 56, 73.218, 30.365

■ 76, 27.677, 21.845

■ 53, 84.181, 33.859

■ 83, 17.479, 20.780

■ 51, 93.533, 37.359

■ 89, 8.005, 19.929

■ 50, 99.551, 39.802

■ 96, 0.757, 200.220

■ 50, 100.032,
40.002

■ 99, 5.000, 199.221

Harmonies

Complementary

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



65, 49.953, 25.040



88, 34.815, 197.212

Rectangle

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



65, 49.953, 25.040



65, 49.953, 75.040



65, 49.953, 205.040



65, 49.953, 255.040

Sweetspot

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



65, 49.950, 25.043



90, 14.165, 20.417



69, 72.908, 327.016



46, 9.745, 20.602



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, 49.950, 25.043



64, 64.531, 27.419



78, 40.920, 69.222



47, 4.991, 19.959



38, 81.699, 39.998



8, 29.831, 23.820

Inverse Universe

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



88, 34.815, 197.212



92, 41.304, 196.924



72, 35.441, 264.768



49, 4.700, 198.989



68, 39.142, 196.426



21, 17.088, 196.420

Previews

White Background



This preview shows how the CIELCh color 65, 49.953, 25.040 looks on a white background.

Color Contrast Check

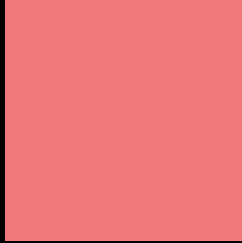
Large Text (above 18pt) WCAG AA × Fail

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, 49.953, 25.040 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, 49.953, 25.040

Background



This preview shows how black text looks on a background with the CIELCh color 65, 49.953, 25.040.

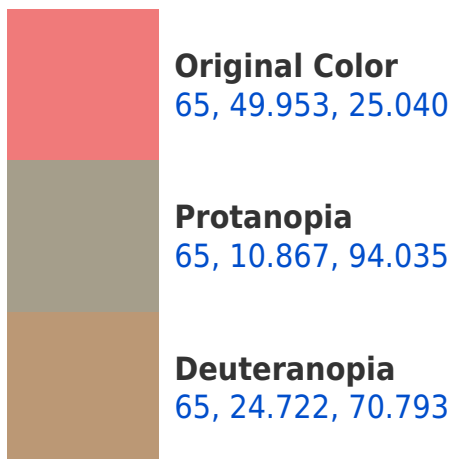


This preview shows how white text looks on a background with the CIELCh color 65, 49.953, 25.040.

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, 49.770, 19.713

Trichromacy



Original Color
65, 49.953, 25.040

Protanomaly
64, 20.811, 39.567

Deuteranomaly
65, 30.966, 44.554

Tritanomaly
65, 49.714, 22.055

Monochromacy



Original Color
65, 49.953, 25.040

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 17.371, 21.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 49.953, 25.040 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(240, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(240, 122, 122)  
}
```

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(240, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 122, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 49.953, 25.040 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(240, 122, 122) }
```

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

```
.border{ border-color:rgb(240, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(240, 122,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 49.953, 25.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 122, 122) }
```

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

```
.background{ background-color: rgb(240,  
122, 122) }
```

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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