

Converting Colors

CIELCh(65, 50.847, 27.854)

Have a look what the booklet for
CIELCh(65, 50.847, 27.854) contains.

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Color

CIELCh(65, 50.688, 27.963)

Conversions

Conversions Part 1

Format	Color
Hex	F17B76
RGB	241, 123, 118
RGB Percent	95%, 48%, 46%
CMY	0.0561, 0.5187, 0.5382
CMYK	0.00, 0.49, 0.51, 0.06
HSL	2°, 81%, 70%
HSV	2°, 51%, 94%
XYZ	46.4743, 34.0472, 21.1826
YIQ	157.7120, 71.9330, 23.4610

Conversions

Conversions Part 2

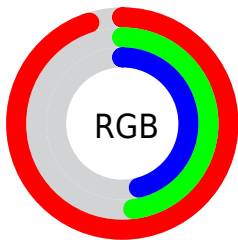
Format	Color
R _Y B	241, 123, 118
Decimal	15825782
CIE Lab	65.00, 44.77, 23.77
CIE LCh	65, 50.688, 27.963
Yxy	34.0472, 0.4570, 0.3348
Android (android.graphics.Color)	4294015862 (0xFFFF17B76)
YUV	157.7120, -19.5780, 73.0436
Hunter-Lab	58.3500, 40.0585, 19.3211

Details

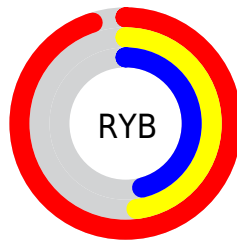
The CIELCh color **65, 50.688, 27.963** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **87, 34.335, 201.628**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.128, 29.631**, and **45, 50.890, 27.688** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.311, 30.085**, and if you desaturate by 10%, it is **70, 39.416, 26.332**.

Distribution



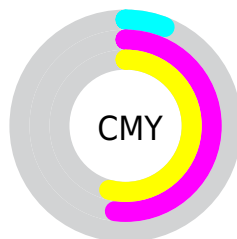
- Red (95%)
- Green (48%)
- Blue (46%)



- Red (95%)
- Yellow (48%)
- Blue (46%)



- Cyan (0%)
- Magenta (49%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 50.688, 27.963 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, 50.688, 27.963 by changing the saturation by 10% instead.

65, 50.688, 27.963

65, 50.688, 27.963

100, 50.688,
27.963

55, 50.688, 27.963

85, 50.688, 27.963

45, 50.688, 27.963

95, 50.688, 27.963

35, 50.688, 27.963

25, 50.688, 27.963

15, 50.688, 27.963

5, 50.688, 27.963

0, 50.688, 27.963

65, 50.688, 27.963

65, 50.688, 27.963

60, 62.311, 30.085

70, 39.416, 26.332

■ 56, 73.938, 32.727

■ 76, 28.722, 25.093

■ 53, 84.987, 35.752

■ 82, 18.722, 24.156

■ 51, 94.258, 38.580

■ 88, 9.448, 23.431

■ 51, 99.603, 40.306

■ 94, 0.885, 22.261

■ 99, 4.928, 199.227

Harmonies

Complementary

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



65, 50.688, 27.963



87, 34.335, 201.628

Rectangle

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



65, 50.688, 27.963



65, 50.688, 77.963



65, 50.688, 207.963



65, 50.688, 257.963

Sweetspot

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



65, 50.685, 27.966



90, 13.623, 23.700



68, 73.890, 328.096



47, 9.375, 23.852



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, 50.685, 27.966



64, 65.229, 30.111



78, 43.228, 72.228



47, 4.798, 23.326



38, 81.140, 40.429



8, 28.952, 26.007

Inverse Universe

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



87, 34.335, 201.628



91, 40.329, 201.666



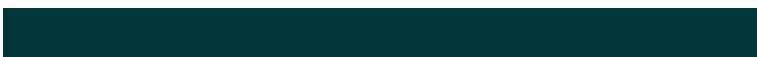
70, 38.462, 268.919



49, 4.513, 202.627



65, 37.060, 203.023



20, 16.294, 202.052

Previews

White Background



This preview shows how the CIELCh color 65, 50.688, 27.963 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, 50.688, 27.963 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, 50.688, 27.963

Background



This preview shows how black text looks on a background with the CIELCh color 65, 50.688, 27.963.

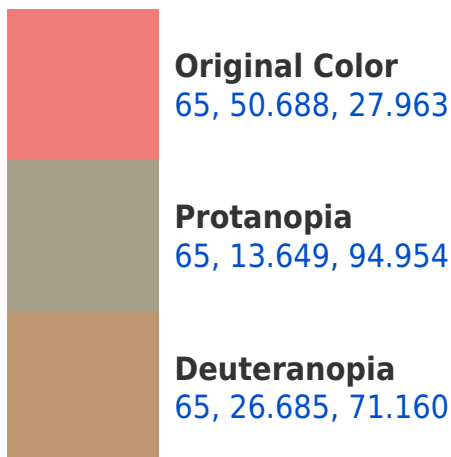


This preview shows how white text looks on a background with the CIELCh color 65, 50.688, 27.963.

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, 50.175, 19.808

Trichromacy



Original Color
65, 50.688, 27.963

Protanomaly
64, 22.522, 45.530

Deuteranomaly
65, 32.597, 47.472

Tritanomaly
65, 50.243, 22.736

Monochromacy



Original Color
65, 50.688, 27.963

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 17.090, 24.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 50.688, 27.963 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(241, 123, 118)` looks like.

```
.text, #text, p{  
    color:rgb(241, 123, 118)  
}
```

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(241, 123, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 123, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 50.688, 27.963 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(241, 123, 118) }
```

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

```
.border{ border-color:rgb(241, 123, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 123, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 123, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 123, 118); box-shadow:4px 4px 4px 4px rgb(241, 123, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 50.688, 27.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 123, 118) }
```

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

```
.background{ background-color: rgb(241,  
123, 118) }
```

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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