

Converting Colors

CIELCh(65, 50.167, 27.393)

Have a look what the booklet for
CIELCh(65, 50.167, 27.393) contains.

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Color

CIELCh(65, 50.097, 27.355)

Conversions

Conversions Part 1

Format	Color
Hex	F07B77
RGB	240, 123, 119
RGB Percent	94%, 48%, 47%
CMY	0.0586, 0.5174, 0.5331
CMYK	0.00, 0.49, 0.50, 0.06
HSL	2°, 80%, 70%
HSV	2°, 50%, 94%
XYZ	46.3770, 34.0472, 21.5954
YIQ	157.5270, 71.0160, 23.5600

Conversions

Conversions Part 2

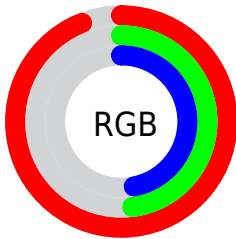
Format	Color
RYB	240, 123, 119
Decimal	15760247
CIELab	65.00, 44.49, 23.02
CIELCh	65, 50.097, 27.355
Yxy	34.0472, 0.4546, 0.3337
Android (android.graphics.Color)	4293950327 (0xFFFF07B77)
YUV	157.5270, -18.9938, 72.3288
Hunter-Lab	58.3500, 39.7607, 18.9016

Details

The CIELCh color **65, 50.097, 27.355** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **87, 34.206, 200.774**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.986, 28.701**, and **45, 50.257, 27.002** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.700, 29.506**, and if you desaturate by 10%, it is **70, 38.839, 25.703**.

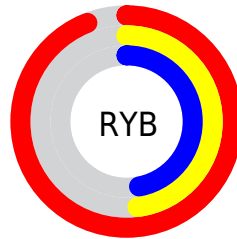
Distribution



Red (94%)

Green (48%)

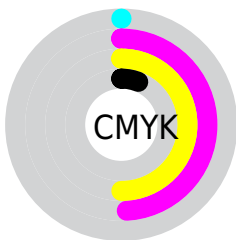
Blue (47%)



Red (94%)

Yellow (48%)

Blue (47%)

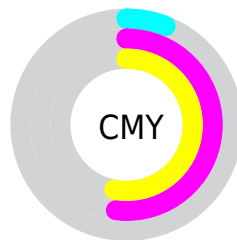


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (6%)



Cyan (6%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 50.097, 27.355 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, 50.097, 27.355 by changing the saturation by 10% instead.

65, 50.097, 27.355

65, 50.097, 27.355

100, 50.097,
27.355

55, 50.097, 27.355

85, 50.097, 27.355

45, 50.097, 27.355

95, 50.097, 27.355

35, 50.097, 27.355

25, 50.097, 27.355

15, 50.097, 27.355

5, 50.097, 27.355

0, 50.097, 27.355

65, 50.097, 27.355

65, 50.097, 27.355

60, 61.700, 29.506

70, 38.839, 25.703

■ 56, 73.306, 32.195

■ 76, 28.156, 24.445

■ 53, 84.353, 35.302

■ 82, 18.163, 23.491

■ 51, 93.715, 38.278

■ 88, 8.896, 22.747

■ 50, 99.494, 40.251

■ 95, 0.336, 20.390

■ 99, 5.143, 199.208

Harmonies

Complementary

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



65, 50.097, 27.355



87, 34.206, 200.774

Rectangle

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



65, 50.097, 27.355



65, 50.097, 77.355



65, 50.097, 207.355



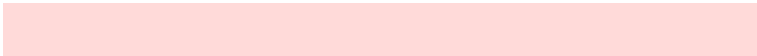
65, 50.097, 257.355

Sweetspot

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



65, 50.094, 27.358



90, 13.720, 23.073



68, 73.696, 327.562



47, 9.441, 23.232



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, 50.094, 27.358



64, 64.325, 29.455



78, 42.274, 70.697



47, 4.832, 22.683



38, 81.242, 40.350



8, 29.112, 25.593

Inverse Universe

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



87, 34.206, 200.774



91, 40.249, 200.742



71, 37.070, 266.966



49, 4.546, 201.932



66, 37.413, 201.741



20, 16.431, 200.964

Previews

White Background



This preview shows how the CIELCh color 65, 50.097, 27.355 looks on a white background.

Color Contrast Check

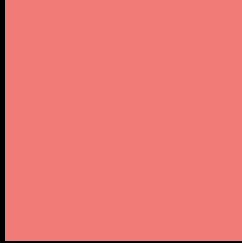
Large Text (above 18pt) WCAG AA × Fail

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, 50.097, 27.355 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, 50.097, 27.355

Background



This preview shows how black text looks on a background with the CIELCh color 65, 50.097, 27.355.



This preview shows how white text looks on a background with the CIELCh color 65, 50.097, 27.355.

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



Original Color
65, 50.097, 27.355

Protanopia
65, 13.112, 94.468

Deuteranopia
65, 26.373, 71.921



Tritanopia
65, 49.770, 19.713

Trichromacy



Original Color
65, 50.097, 27.355

Protanomaly
64, 22.239, 44.335

Deuteranomaly
65, 32.281, 46.697

Tritanomaly
65, 49.832, 22.668

Monochromacy



Original Color
65, 50.097, 27.355

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 17.429, 22.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 50.097, 27.355 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, 123, 119)` looks like.

```
.text, #text, p{  
    color:rgb(240, 123, 119)  
}
```

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, 123, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 123, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 50.097, 27.355 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, 123, 119) }
```

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

```
.border{ border-color:rgb(240, 123, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 123, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 123, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 123, 119);  
box-shadow:4px 4px 4px 4px rgb(240, 123,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 50.097, 27.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 123, 119) }
```

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

```
.background{ background-color: rgb(240,  
123, 119) }
```

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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