

Converting Colors

CIELCh(65, 53.924, 29.765)

Have a look what the booklet for
CIELCh(65, 53.924, 29.765) contains.

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Color

CIELCh(65, 53.788, 29.291)

Conversions

Conversions Part 1

Format	Color
Hex	F47871
RGB	244, 120, 113
RGB Percent	96%, 47%, 44%
CMY	0.0413, 0.5278, 0.5554
CMYK	0.00, 0.51, 0.54, 0.04
HSL	3°, 86%, 70%
HSV	3°, 54%, 96%
XYZ	47.2362, 34.0472, 19.8160
YIQ	156.2780, 76.1510, 24.1110

Conversions

Conversions Part 2

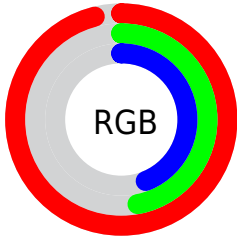
Format	Color
RYB	244, 120, 113
Decimal	16021617
CIELab	65.00, 46.91, 26.32
CIELCh	65, 53.788, 29.291
Yxy	34.0472, 0.4672, 0.3368
Android (android.graphics.Color)	4294211697 (0xFFFF47871)
YUV	156.2780, -21.3361, 76.9322
Hunter-Lab	58.3500, 42.3892, 20.7097

Details

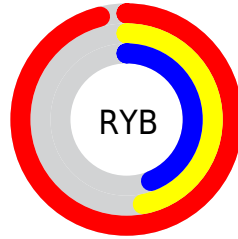
The CIELCh color **65, 53.788, 29.291** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 35.477, 203.193**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.775, 31.227**, and **45, 53.727, 29.418** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.577, 31.428**, and if you desaturate by 10%, it is **70, 42.320, 27.639**.

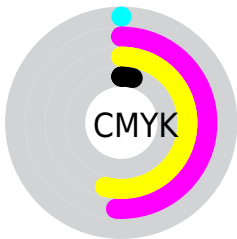
Distribution



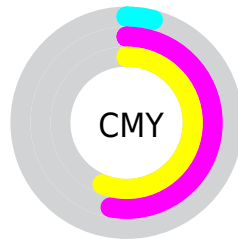
- Red (96%)
- Green (47%)
- Blue (44%)



- Red (96%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 53.788, 29.291 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, 53.788, 29.291 by changing the saturation by 10% instead.

65, 53.788, 29.291

65, 53.788, 29.291

100, 53.788,
29.291

55, 53.788, 29.291

85, 53.788, 29.291

45, 53.788, 29.291

95, 53.788, 29.291

35, 53.788, 29.291

25, 53.788, 29.291

15, 53.788, 29.291

5, 53.788, 29.291

0, 53.788, 29.291

65, 53.788, 29.291

65, 53.788, 29.291

60, 65.577, 31.428

70, 42.320, 27.639

57, 77.304, 34.045

76, 31.419, 26.384

54, 88.272, 36.926

82, 21.212, 25.443

52, 96.972, 39.347

88, 11.742, 24.730

51, 100.620,
40.406

94, 2.997, 24.063

99, 3.641, 199.356

Harmonies

Complementary

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



65, 53.788, 29.291



87, 35.477, 203.193

Rectangle

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



65, 53.788, 29.291



65, 53.788, 79.291



65, 53.788, 209.291



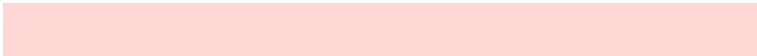
65, 53.788, 259.291

Sweetspot

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



65, 53.785, 29.294



90, 14.414, 24.886



68, 77.155, 328.740



46, 9.814, 25.027



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, 53.785, 29.294



63, 68.344, 31.553



79, 46.435, 73.463



48, 4.822, 24.476



39, 81.808, 40.559



9, 29.889, 27.856

Inverse Universe

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



87, 35.477, 203.193



90, 40.888, 203.393



69, 41.788, 271.370



50, 4.534, 203.870



65, 36.855, 205.347



20, 16.524, 204.079

Previews

White Background



This preview shows how the CIELCh color 65, 53.788, 29.291 looks on a white background.

Color Contrast Check

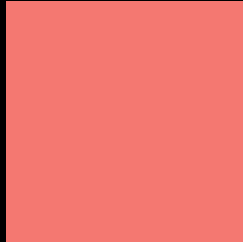
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 53.788, 29.291 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, 53.788, 29.291

Background



This preview shows how black text looks on a background with the CIELCh color 65, 53.788, 29.291.

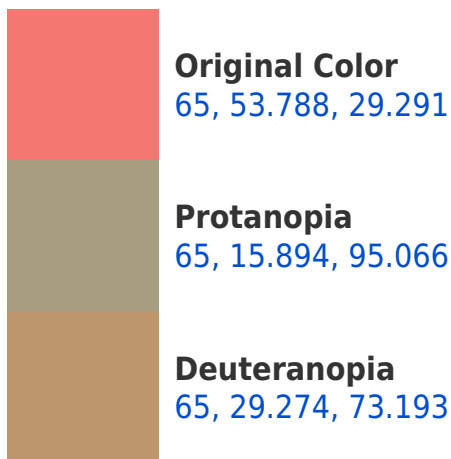


This preview shows how white text looks on a background with the CIELCh color 65, 53.788, 29.291.

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](#).

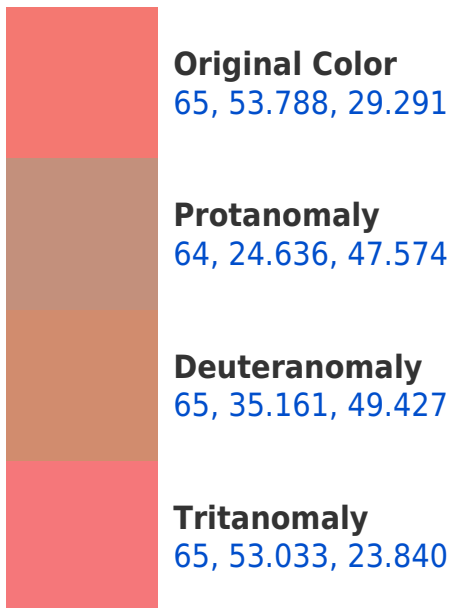
Dichromacy



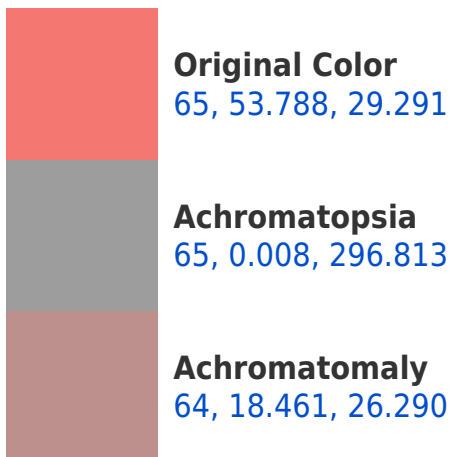


Tritanopia
65, 52.780, 20.501

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 53.788, 29.291 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(244, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 120, 113)  
}
```

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(244, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 120, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 53.788, 29.291 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(244, 120, 113) }
```

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

```
.border{ border-color:rgb(244, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 120, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 120, 113); box-shadow:4px 4px 4px 4px rgb(244, 120, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 53.788, 29.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 120, 113) }
```

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

```
.background{ background-color: rgb(244,  
120, 113) }
```

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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