

Converting Colors

CIELCh(66, 50.270, 10.487)

Have a look what the booklet for
CIELCh(66, 50.270, 10.487) contains.

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Color

CIELCh(66, 50.252, 10.723)

Conversions

Conversions Part 1

Format	Color
Hex	F57A92
RGB	245, 122, 146
RGB Percent	96%, 48%, 57%
CMY	0.0400, 0.5222, 0.4281
CMYK	0.00, 0.50, 0.40, 0.04
HSL	348°, 86%, 72%
HSV	348°, 50%, 96%
XYZ	49.7016, 35.3238, 31.3243
YIQ	161.5130, 65.6040, 33.5400

Conversions

Conversions Part 2

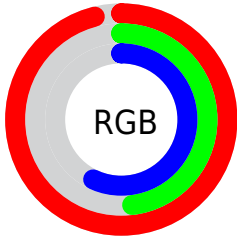
Format	Color
RYB	245, 122, 146
Decimal	16087698
CIELab	66.00, 49.37, 9.35
CIELCh	66, 50.252, 10.723
Yxy	35.3238, 0.4272, 0.3036
Android (android.graphics.Color)	4294277778 (0xFFFF57A92)
YUV	161.5130, -7.6479, 73.2181
Hunter-Lab	59.4338, 45.2616, 10.3552

Details

The CIELCh color **66, 50.252, 10.723** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **89, 40.181, 178.597**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.582, 359.769**, and **46, 50.295, 10.451** is the 20% darker color. If you saturate the color by 10%, you get **61, 60.392, 13.316**, and if you desaturate by 10%, it is **71, 39.782, 8.675**.

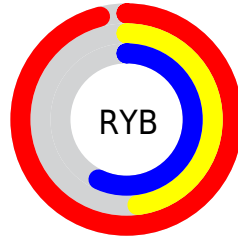
Distribution



Red (96%)

Green (48%)

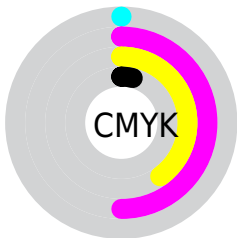
Blue (57%)



Red (96%)

Yellow (48%)

Blue (57%)

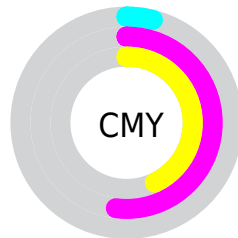


Cyan (0%)

Magenta (50%)

Yellow (40%)

Black (4%)



Cyan (4%)

Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 50.252, 10.723 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 66, 50.252, 10.723 by changing the saturation by 10% instead.

66, 50.252, 10.723

66, 50.252, 10.723

100, 50.252,
10.723

56, 50.252, 10.723

86, 50.252, 10.723

46, 50.252, 10.723

96, 50.252, 10.723

36, 50.252, 10.723

26, 50.252, 10.723

16, 50.252, 10.723

6, 50.252, 10.723

0, 50.252, 10.723

66, 50.252, 10.723

66, 50.252, 10.723

61, 60.392, 13.316

71, 39.782, 8.675

57, 69.797, 16.604

77, 29.346, 7.028

54, 78.115, 20.720

83, 19.189, 5.676

52, 85.221, 25.657

90, 9.456, 4.528

51, 91.240, 30.844

96, 0.214, 0.855

99, 3.524, 199.370

Harmonies

Complementary

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



66, 50.252, 10.723



89, 40.181, 178.597

Rectangle

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



66, 50.252, 10.723



66, 50.252, 60.723



66, 50.252, 190.723



66, 50.252, 240.723

Sweetspot

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



66, 50.249, 10.725



90, 14.510, 5.060



66, 73.070, 320.946



47, 9.954, 5.305



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 50.249, 10.725



64, 62.184, 13.286



73, 42.978, 49.044



48, 5.241, 4.446



39, 73.613, 29.845



9, 30.017, 16.943

Inverse Universe

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



66, 50.249, 10.725



64, 62.184, 13.286



79, 30.778, 238.195



48, 5.241, 4.446



39, 73.613, 29.845



9, 30.017, 16.943

Previews

White Background



This preview shows how the CIELCh color 66, 50.252, 10.723 looks on a white background.

Color Contrast Check

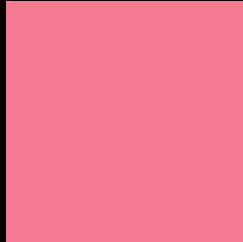
Large Text (above 18pt) WCAG AA × Fail

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 66, 50.252, 10.723 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 66, 50.252, 10.723

Background



This preview shows how black text looks on a background with the CIELCh color 66, 50.252, 10.723.

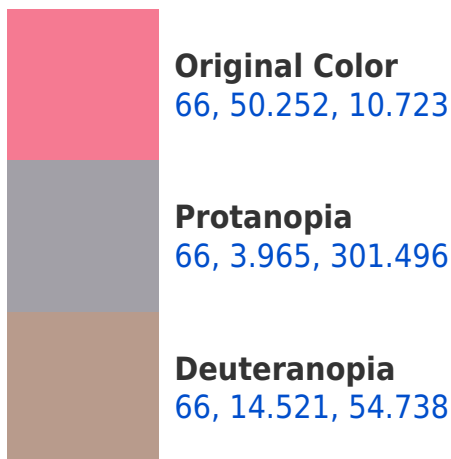


This preview shows how white text looks on a background with the CIELCh color 66, 50.252, 10.723.

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
66, 49.595, 19.584

Trichromacy



Original Color
66, 50.252, 10.723

Protanomaly
65, 19.340, 359.680

Deuteranomaly
66, 25.852, 23.172

Tritanomaly
66, 49.633, 15.996

Monochromacy



Original Color
66, 50.252, 10.723

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 17.910, 6.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 50.252, 10.723 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(245, 122, 146)` looks like.

```
.text, #text, p{  
    color:rgb(245, 122, 146)  
}
```

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(245, 122, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 122, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 50.252, 10.723 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(245, 122, 146) }
```

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

```
.border{ border-color:rgb(245, 122, 146) }
```

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

Here you see how a box with a 4 pixel rgb(245, 122, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 122, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 122, 146);  
box-shadow:4px 4px 4px 4px rgb(245, 122,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 50.252, 10.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 122, 146) }
```

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

```
.background{ background-color: rgb(245,  
122, 146) }
```

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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