

Converting Colors

CIELCh(48, 65.583, 4.814)

Have a look what the booklet for
CIELCh(48, 65.583, 4.814) contains.

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Color

CIELCh(48, 65.754, 5.052)

Conversions

Conversions Part 1

Format	Color
Hex	D22F6B
RGB	210, 47, 107
RGB Percent	82%, 18%, 42%
CMY	0.1765, 0.8157, 0.5804
CMYK	0.00, 0.78, 0.49, 0.18
HSL	338°, 64%, 50%
HSV	338°, 78%, 82%
XYZ	30.2461, 16.7945, 15.5560
YIQ	102.5770, 77.8880, 53.2160

Conversions

Conversions Part 2

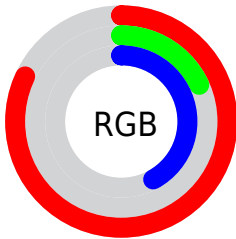
Format	Color
R_{YB}	210, 47, 107
Decimal	13774699
CIE _{Lab}	48.00, 65.50, 5.79
CIE _{LCh}	48, 65.754, 5.052
Yxy	16.7945, 0.4832, 0.2683
Android (android.graphics.Color)	4291964779 (0xFFD22F6B)
YUV	102.5770, 2.1805, 94.2100
Hunter-Lab	40.9810, 60.0251, 6.1808

Details

The CIELCh color **48, 65.754, 5.052** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **75, 57.531, 161.408**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 60.022, 1.793**, and **31, 56.697, 10.443** is the 20% darker color. If you saturate the color by 10%, you get **46, 70.221, 9.098**, and if you desaturate by 10%, it is **51, 59.608, 1.858**.

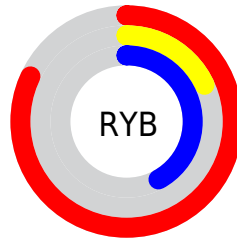
Distribution



Red (82%)

Green (18%)

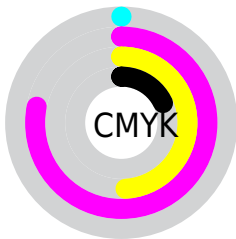
Blue (42%)



Red (82%)

Yellow (18%)

Blue (42%)

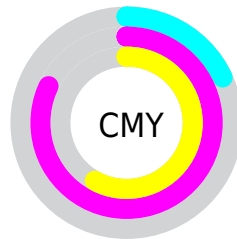


Cyan (0%)

Magenta (78%)

Yellow (49%)

Black (18%)



Cyan (18%)

Magenta (82%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 65.754, 5.052 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 48, 65.754, 5.052 by changing the saturation by 10% instead.

 48, 65.754, 5.052  48, 65.754, 5.052

 100, 65.754, 5.052  38, 65.754, 5.052

 68, 65.754, 5.052  28, 65.754, 5.052



 78, 65.754, 5.052  18, 65.754, 5.052

 88, 65.754, 5.052  8, 65.754, 5.052

 98, 65.754, 5.052  0, 65.754, 5.052

 48, 65.754, 5.052  48, 65.754, 5.052

 46, 70.221, 9.098  51, 59.608, 1.858

 45, 73.216, 14.051  55, 52.040,
359.337

 45, 73.906, 15.269

59, 43.473,
357.320

64, 34.349,
355.672

69, 25.025,
354.292

74, 15.756,
353.108

80, 6.701, 352.048

86, 2.051, 171.446

91, 10.461,
170.457

Harmonies

Complementary

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



48, 65.754, 5.052



75, 57.531, 161.408

Rectangle

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



48, 65.754, 5.052



48, 65.754, 55.052



48, 65.754, 185.052



48, 65.754, 235.052

Sweetspot

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



48, 65.751, 5.054



85, 24.275, 353.756



43, 92.830, 315.764



43, 16.875, 354.203



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 65.751, 5.054



55, 83.653, 12.195



49, 70.111, 37.703



41, 4.991, 352.234



35, 62.508, 14.336



5, 20.806, 1.943

Inverse Universe

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



48, 65.751, 5.054



55, 83.653, 12.195



71, 36.308, 213.743



41, 4.991, 352.234



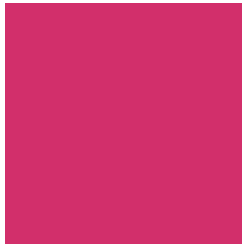
35, 62.508, 14.336



5, 20.806, 1.943

Previews

White Background



This preview shows how the CIELCh color 48, 65.754, 5.052 looks on a white background.

Color Contrast Check

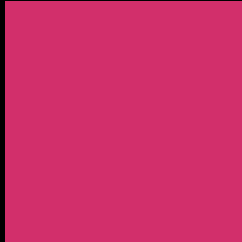
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 65.754, 5.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

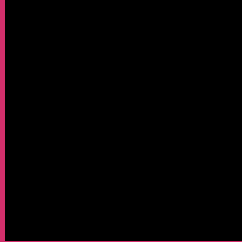
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 65.754, 5.052

Background



This preview shows how black text looks on a background with the CIELCh color 48, 65.754, 5.052.



This preview shows how white text looks on a background with the CIELCh color 48, 65.754, 5.052.

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

48, 65.754, 5.052

Protanopia

48, 17.769, 284.405

Deuteranopia

48, 11.231, 55.075



Tritanopia
48, 66.866, 29.688

Trichromacy



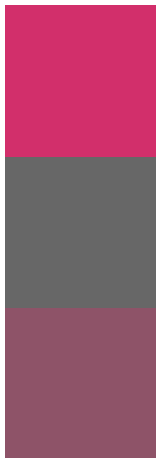
Original Color
48, 65.754, 5.052

Protanomaly
45, 31.798, 334.487

Deuteranomaly
46, 32.133, 8.683

Tritanomaly
48, 65.060, 21.225

Monochromacy



Original Color
48, 65.754, 5.052

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 27.471, 356.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 65.754, 5.052 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(210, 47, 107)` looks like.

```
.text, #text, p{  
    color:rgb(210, 47, 107)  
}
```

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(210, 47, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 47, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 65.754, 5.052 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(210, 47, 107) }
```

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

```
.border{ border-color:rgb(210, 47, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 47, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 47, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 47, 107);  
box-shadow:4px 4px 4px 4px rgb(210, 47,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 65.754, 5.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 47, 107) }
```

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

```
.background{ background-color: rgb(210, 47,  
107) }
```

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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