

Converting Colors

CIELCh(48, 107.198, 322.275)

Have a look what the booklet for
CIELCh(48, 107.198, 322.275)
contains.

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Color

CIELCh(48, 107.125, 322.261)

Conversions

Conversions Part 1

Format	Color
Hex	C001E3
RGB	192, 1, 227
RGB Percent	75%, 0%, 89%
CMY	0.2467, 0.9949, 0.1095
CMYK	0.15, 0.99, 0.00, 0.11
HSL	291°, 99%, 45%
HSV	291°, 99%, 89%
XYZ	35.6470, 16.7945, 74.0899
YIQ	83.8730, 41.2900, 110.7780

Conversions

Conversions Part 2

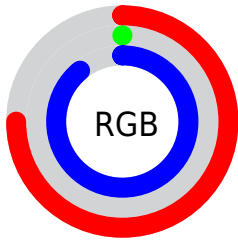
Format	Color
R_{YB}	192, 1, 227
Decimal	12583395
CIE _{Lab}	48.00, 84.72, -65.57
CIE _{LCh}	48, 107.125, 322.261
Yxy	16.7945, 0.2817, 0.1327
Android (android.graphics.Color)	4290773475 (0xFFC001E3)
YUV	83.8730, 70.5616, 94.8274
Hunter-Lab	40.9810, 83.5500, -78.5041

Details

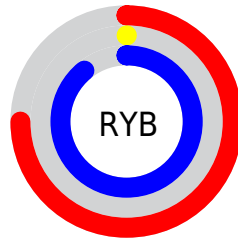
The CIELCh color **48, 107.125, 322.261** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **79, 108.393, 135.220**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 94.729, 327.217**, and **34, 87.128, 320.136** is the 20% darker color. If you saturate the color by 10%, you get **48, 107.255, 322.239**, and if you desaturate by 10%, it is **49, 104.346, 322.623**.

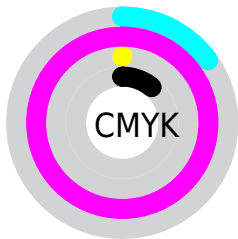
Distribution



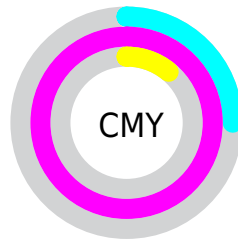
- Red (75%)
- Green (0%)
- Blue (89%)



- Red (75%)
- Yellow (0%)
- Blue (89%)



- Cyan (15%)
- Magenta (99%)
- Yellow (0%)
- Black (11%)





- Cyan (25%)
- Magenta (99%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 107.125, 322.261 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, 107.125, 322.261 by changing the saturation by 10% instead.


 48, 107.125,
322.261


 48, 107.125,
322.261


 100, 107.125,
322.261


 38, 107.125,
322.261


 68, 107.125,
322.261


 28, 107.125,
322.261


 78, 107.125,
322.261

 18, 107.125,
322.261


 88, 107.125,
322.261

 8, 107.125,
322.261

 98, 107.125,
322.261


 0, 107.125,
322.261


 48, 107.125,


 48, 107.125,


322.261


322.261


 48, 107.255,
322.239


 49, 104.346,
322.623

 52, 98.953,
322.797


 55, 90.802,
322.778

 58, 80.345,
322.601

 63, 68.196,
322.304

 68, 54.956,
321.923

 73, 41.122,
321.490

 79, 27.067,
321.029

■ 85, 13.047,
320.554

Harmonies

Complementary

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



48, 107.125, 322.261



79, 108.393, 135.220

Rectangle

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



48, 107.125, 322.261



48, 107.125, 12.261



48, 107.125, 142.261



48, 107.125, 192.261

Sweetspot

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



48, 107.123, 322.261



81, 46.056, 321.524



32, 111.511, 303.630



40, 31.406, 321.711



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, 107.123, 322.261



54, 117.098, 322.202



50, 82.631, 347.632



45, 7.927, 320.556



37, 89.561, 322.328



7, 37.192, 323.085

Inverse Universe

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



48, 88.009, 33.090



53, 96.808, 33.686



79, 95.136, 142.025



45, 4.909, 7.530



37, 73.160, 32.486



7, 26.719, 15.310

Previews

White Background



This preview shows how the CIE LCh color 48, 107.125, 322.261 looks on a white background.

Color Contrast Check

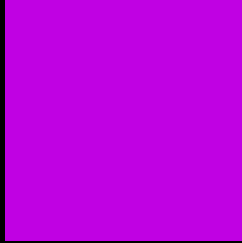
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 107.125, 322.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

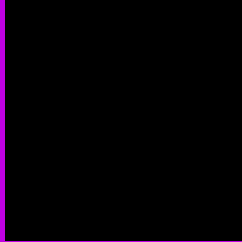
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 48, 107.125, 322.261

Background



This preview shows how black text looks on a background with the CIELCh color 48, 107.125, 322.261.



This preview shows how white text looks on a background with the CIELCh color 48, 107.125, 322.261.

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, 107.125, 322.261

Protanopia

49, 72.247, 287.003

Deuteranopia

49, 53.874, 276.693



Tritanopia
48, 37.780, 19.740

Trichromacy



Original Color
48, 107.125, 322.261



Protanomaly
41, 94.599, 301.514



Deuteranomaly
40, 82.541, 299.912



Tritanomaly
45, 61.893, 340.392

Monochromacy



Original Color
48, 107.125, 322.261



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 53.850, 322.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 107.125, 322.261 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(192, 1, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 1, 227)  
}
```

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(192, 1, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 1, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 107.125, 322.261 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(192, 1, 227) }
```

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

```
.border{ border-color:rgb(192, 1, 227) }
```

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

Here you see how a box with a 4 pixel rgb(192, 1, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 1, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 1, 227);  
box-shadow:4px 4px 4px 4px rgb(192, 1,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 107.125, 322.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 1, 227) }
```

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

```
.background{ background-color: rgb(192, 1,  
227) }
```

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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