

Converting Colors

CIELCh(56, 107.165, 320.817)

Have a look what the booklet for
CIELCh(56, 107.165, 320.817)
contains.

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Color

CIELCh(56, 107.160, 320.796)

Conversions

Conversions Part 1

Format	Color
Hex	D338FE
RGB	211, 56, 254
RGB Percent	83%, 22%, 100%
CMY	0.1716, 0.7792, 0.0030
CMYK	0.17, 0.78, 0.00, 0.00
HSL	287°, 99%, 61%
HSV	287°, 78%, 100%
XYZ	46.2888, 23.9124, 96.1402
YIQ	124.9170, 28.8220, 94.4380

Conversions

Conversions Part 2

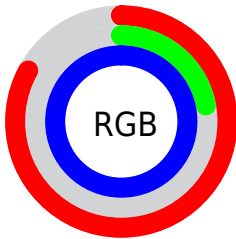
Format	Color
R _Y B	211, 56, 254
Decimal	13842686
CIE Lab	56.00, 83.04, -67.73
CIE LCh	56, 107.160, 320.796
Yxy	23.9124, 0.2783, 0.1438
Android (android.graphics.Color)	4292032766 (0xFFD338FE)
YUV	124.9170, 63.6379, 75.4948
Hunter-Lab	48.9003, 83.3915, -82.3365

Details

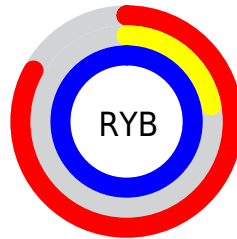
The CIELCh color **56, 107.160, 320.796** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 105.226, 134.057**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.614, 327.189**, and **39, 97.060, 319.648** is the 20% darker color. If you saturate the color by 10%, you get **53, 113.832, 320.562**, and if you desaturate by 10%, it is **60, 97.494, 320.804**.

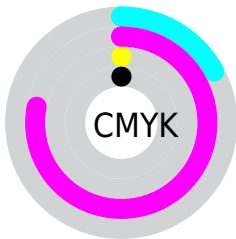
Distribution



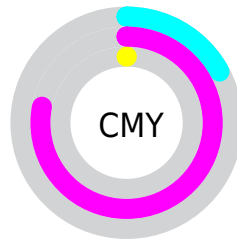
- Red (83%)
- Green (22%)
- Blue (100%)



- Red (83%)
- Yellow (22%)
- Blue (100%)



- Cyan (17%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (78%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 107.160, 320.796 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 56, 107.160, 320.796 by changing the saturation by 10% instead.


 56, 107.160,
320.796


 56, 107.160,
320.796


 100, 107.160,
320.796


 46, 107.160,
320.796


 76, 107.160,
320.796


 36, 107.160,
320.796


 86, 107.160,
320.796

 26, 107.160,
320.796

 96, 107.160,
320.796

 16, 107.160,
320.796

 6, 107.160,
320.796

 0, 107.160,
320.796

56, 107.160,
320.796

56, 107.160,
320.796

53, 113.832,
320.562

60, 97.494,
320.804

51, 117.343,
320.078

64, 85.462,
320.633

51, 117.883,
319.958

70, 71.793,
320.336

75, 57.143,
319.955

82, 42.023,
319.527

88, 26.792,
319.077

95, 11.688,
318.618

100, 0.376,

Harmonies

Complementary

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



56, 107.160, 320.796



89, 105.226, 134.057

Rectangle

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



56, 107.160, 320.796



56, 107.160, 10.796



56, 107.160, 140.796



56, 107.160, 190.796

Sweetspot

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



56, 107.158, 320.796



85, 34.709, 319.310



49, 88.032, 295.112



43, 24.064, 319.472



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 107.158, 320.796



52, 116.271, 320.342



60, 89.186, 339.569



50, 8.493, 318.695



38, 95.109, 320.087



9, 43.585, 321.002

Inverse Universe

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



57, 78.028, 17.963



54, 88.706, 25.502



88, 93.721, 143.883



50, 5.463, 2.790



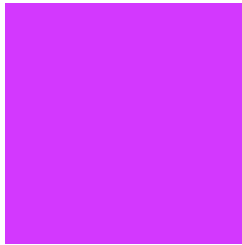
40, 74.113, 28.279



10, 31.883, 17.844

Previews

White Background



This preview shows how the CIELCh color 56, 107.160, 320.796 looks on a white background.

Color Contrast Check

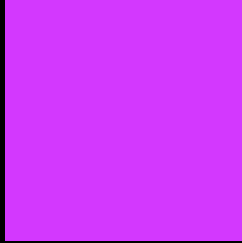
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 107.160, 320.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

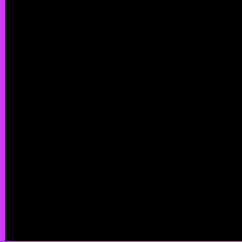
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 107.160, 320.796

Background



This preview shows how black text looks on a background with the CIELCh color 56, 107.160, 320.796.

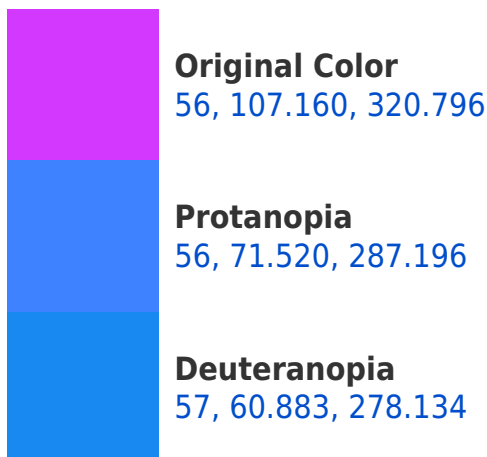


This preview shows how white text looks on a background with the CIELCh color 56, 107.160,

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
56, 34.773, 16.439

Trichromacy



Original Color
56, 107.160, 320.796



Protanomaly
53, 87.021, 301.419



Deuteranomaly
51, 79.526, 296.567



Tritanomaly
54, 56.964, 337.891

Monochromacy



Original Color
56, 107.160, 320.796



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 45.908, 319.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 107.160, 320.796 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(211, 56, 254)` looks like.

```
.text, #text, p{  
    color:rgb(211, 56, 254)  
}
```

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(211, 56, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 56, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 107.160, 320.796 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(211, 56, 254) }
```

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

```
.border{ border-color:rgb(211, 56, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 56, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 56, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 56, 254);  
box-shadow:4px 4px 4px 4px rgb(211, 56,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 107.160, 320.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 56, 254) }
```

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

```
.background{ background-color: rgb(211, 56,  
254) }
```

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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