

Converting Colors

CIELCh(56, 79.476, 320.694)

Have a look what the booklet for
CIELCh(56, 79.476, 320.694)
contains.

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Color

CIELCh(56, 79.496, 320.700)

Conversions

Conversions Part 1

Format	Color
Hex	C259DF
RGB	194, 89, 223
RGB Percent	76%, 35%, 87%
CMY	0.2395, 0.6513, 0.1258
CMYK	0.13, 0.60, 0.00, 0.13
HSL	287°, 68%, 61%
HSV	287°, 60%, 87%
XYZ	39.0997, 23.9124, 72.3062
YIQ	135.6710, 19.5660, 63.9340

Conversions

Conversions Part 2

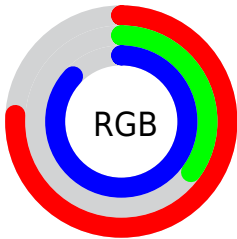
Format	Color
RYB	194, 89, 223
Decimal	12736991
CIELab	56.00, 61.52, -50.35
CIELCh	56, 79.496, 320.700
Yxy	23.9124, 0.2889, 0.1767
Android (android.graphics.Color)	4290927071 (0xFFC259DF)
YUV	135.6710, 43.0532, 51.1545
Hunter-Lab	48.9003, 57.1495, -53.4386

Details

The CIELCh color **56, 79.496, 320.700** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **80, 77.704, 134.828**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 68.246, 326.232**, and **36, 79.397, 320.712** is the 20% darker color. If you saturate the color by 10%, you get **52, 89.975, 320.842**, and if you desaturate by 10%, it is **61, 67.434, 320.424**.

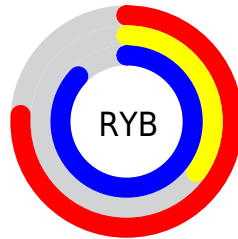
Distribution



Red (76%)

Green (35%)

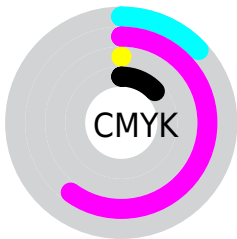
Blue (87%)



Red (76%)

Yellow (35%)

Blue (87%)

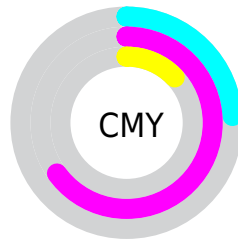


Cyan (13%)

Magenta (60%)

Yellow (0%)

Black (13%)



Cyan (24%)


Magenta (65%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 79.496, 320.700 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, 79.496, 320.700 by changing the saturation by 10% instead.


 56, 79.496,
320.700


 56, 79.496,
320.700


 100, 79.496,
320.700


 46, 79.496,
320.700


 76, 79.496,
320.700

 36, 79.496,
320.700

 86, 79.496,
320.700

 26, 79.496,
320.700

 96, 79.496,
320.700

 16, 79.496,
320.700

 6, 79.496, 320.700

 0, 79.496, 320.700

56, 79.496,
320.700

56, 79.496,
320.700

52, 89.975,
320.842

61, 67.434,
320.424

49, 98.231,
320.799

66, 54.397,
320.059

46, 103.752,
320.528

71, 40.860,
319.641

45, 106.697,
320.042


77, 27.167,
319.197

83, 13.550,
318.744

89, 0.154, 316.892

95, 12.936,
137.925

98, 18.263,
135.218

 98, 17.535,
130.274

Harmonies

Complementary

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



56, 79.496, 320.700



80, 77.704, 134.828

Rectangle

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



56, 79.496, 320.700



56, 79.496, 10.700



56, 79.496, 140.700



56, 79.496, 190.700

Sweetspot

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



56, 79.494, 320.700



88, 27.084, 319.108



52, 60.721, 290.509



45, 18.857, 319.240



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, 79.494, 320.700



58, 102.071, 320.850



58, 67.364, 338.400



44, 7.648, 318.713



35, 89.366, 320.159



6, 35.325, 320.805

Inverse Universe

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



56, 55.779, 11.544



59, 73.364, 15.642



80, 67.682, 147.492



44, 4.916, 2.835



37, 69.489, 27.978



6, 25.282, 11.770

Previews

White Background



This preview shows how the CIELCh color 56, 79.496, 320.700 looks on a white background.

Color Contrast Check

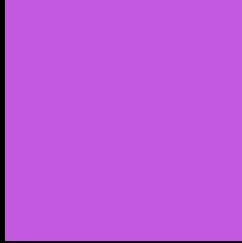
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.496, 320.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

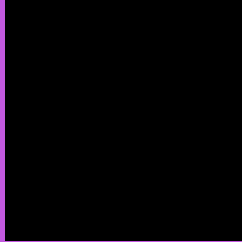
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 79.496, 320.700

Background



This preview shows how black text looks on a background with the CIELCh color 56, 79.496, 320.700.

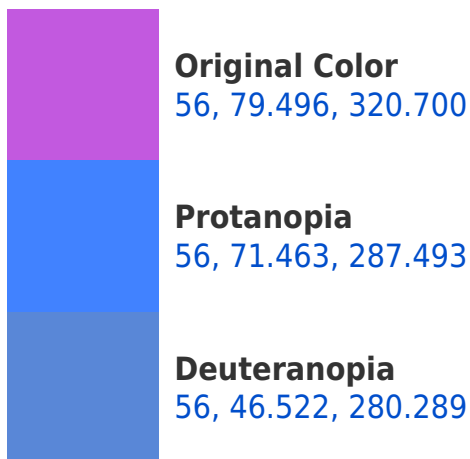


This preview shows how white text looks on a background with the CIELCh color 56, 79.496, 320.700.

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, 26.979, 11.897

Trichromacy



Original Color
56, 79.496, 320.700



Protanomaly
54, 73.244, 297.589



Deuteranomaly
55, 57.530, 299.113



Tritanomaly
55, 42.325, 337.661

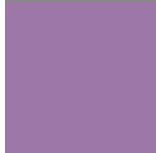
Monochromacy



Original Color
56, 79.496, 320.700



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 31.375, 319.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 79.496, 320.700 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(194, 89, 223)` looks like.

```
.text, #text, p{  
    color:rgb(194, 89, 223)  
}
```

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(194, 89, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 89, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 79.496, 320.700 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(194, 89, 223) }
```

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

```
.border{ border-color:rgb(194, 89, 223) }
```

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

Here you see how a box with a 4 pixel rgb(194, 89, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 89, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 89, 223);  
box-shadow:4px 4px 4px 4px rgb(194, 89,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 79.496, 320.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 89, 223) }
```

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

```
.background{ background-color: rgb(194, 89,  
223) }
```

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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