

Converting Colors

CIELCh(56, 52.556, 297.602)

Have a look what the booklet for
CIELCh(56, 52.556, 297.602)
contains.

CIELCh(56, 52.099, 297.543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 52.099, 297.543)

Conversions

Conversions Part 1

Format	Color
Hex	817CD7
RGB	129, 124, 215
RGB Percent	51%, 49%, 84%
CMY	0.4949, 0.5145, 0.1577
CMYK	0.40, 0.42, 0.00, 0.16
HSL	243°, 53%, 66%
HSV	243°, 42%, 84%
XYZ	28.4425, 23.9124, 67.2606
YIQ	135.8690, -26.2310, 29.3610

Conversions

Conversions Part 2

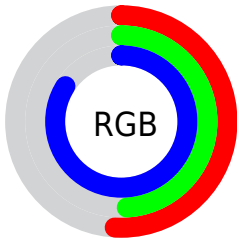
Format	Color
R _Y B	129, 124, 215
Decimal	8486103
CIE Lab	56.00, 24.09, -46.19
CIE LCh	56, 52.099, 297.543
Yxy	23.9124, 0.2378, 0.1999
Android (android.graphics.Color)	4286676183 (0xFF817CD7)
YUV	135.8690, 39.0116, -6.0241
Hunter-Lab	48.9003, 18.2476, -47.3210

Details

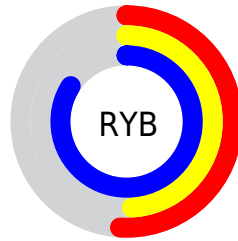
The CIELCh color **56, 52.099, 297.543** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **84, 46.640, 108.632**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 42.273, 297.352**, and **36, 52.465, 297.633** is the 20% darker color. If you saturate the color by 10%, you get **49, 65.687, 299.291**, and if you desaturate by 10%, it is **63, 38.973, 295.998**.

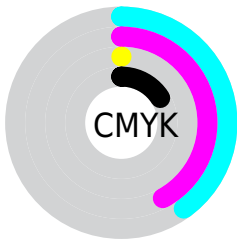
Distribution



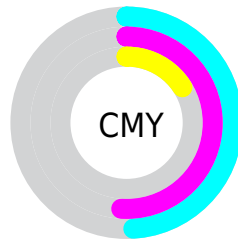
- Red (51%)
- Green (49%)
- Blue (84%)



- Red (51%)
- Yellow (49%)
- Blue (84%)



- Cyan (40%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 52.099, 297.543 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, 52.099, 297.543 by changing the saturation by 10% instead.

■ 56, 52.099,
297.543

■ 56, 52.099,
297.543

■ 100, 52.099,
297.543

■ 46, 52.099,
297.543

■ 76, 52.099,
297.543

■ 36, 52.099,
297.543

■ 86, 52.099,
297.543

■ 26, 52.099,
297.543

■ 96, 52.099,
297.543

■ 16, 52.099,
297.543

■ 6, 52.099, 297.543

■ 0, 52.099, 297.543

56, 52.099,
297.543

56, 52.099,
297.543

49, 65.687,
299.291

63, 38.973,
295.998

43, 79.517,
301.188

70, 26.371,
294.662

37, 92.996,
303.099

77, 14.283,
293.520

32, 104.910,
304.782

84, 2.679, 292.559

28, 113.444,
305.924

91, 8.475, 111.707

27, 117.298,
306.422

98, 19.212,
111.003

99, 20.325,
108.639

Harmonies

Complementary

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



56, 52.099, 297.543



84, 46.640, 108.632

Rectangle

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



56, 52.099, 297.543



56, 52.099, 347.543



56, 52.099, 117.543



56, 52.099, 167.543

Sweetspot

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



56, 52.098, 297.543



89, 17.297, 293.601



79, 26.995, 202.742



46, 12.158, 293.843



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, 52.098, 297.543



59, 73.426, 299.134



60, 53.749, 312.791



41, 6.508, 293.218



20, 98.836, 306.465



2, 27.630, 295.411

Inverse Universe

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



65, 56.057, 328.301



71, 76.198, 328.770



81, 50.934, 128.831



42, 7.560, 326.451



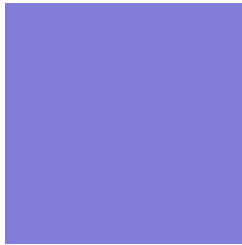
40, 82.025, 330.525



6, 31.667, 329.892

Previews

White Background



This preview shows how the CIELCh color 56, 52.099, 297.543 looks on a white background.

Color Contrast Check

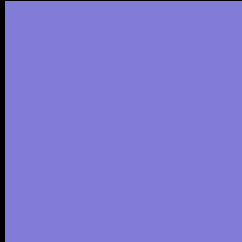
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 56, 52.099, 297.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

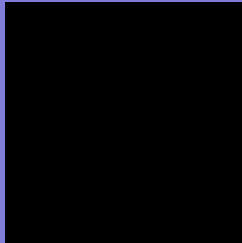
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 52.099, 297.543

Background



This preview shows how black text looks on a background with the CIELCh color 56, 52.099, 297.543.



This preview shows how white text looks on a background with the CIELCh color 56, 52.099, 297.543.

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, 10.827, 234.466

Trichromacy



Original Color
56, 52.099, 297.543

Protanomaly
56, 52.055, 290.282

Deuteranomaly
56, 47.675, 286.891

Tritanomaly
56, 23.236, 281.178

Monochromacy



Original Color
56, 52.099, 297.543

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 18.916, 293.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 52.099, 297.543 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(129, 124, 215)` looks like.

```
.text, #text, p{  
    color:rgb(129, 124, 215)  
}
```

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(129, 124, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 124, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 52.099, 297.543 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(129, 124, 215) }
```

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

```
.border{ border-color:rgb(129, 124, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 124, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 124, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 124, 215);  
box-shadow:4px 4px 4px 4px rgb(129, 124,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 52.099, 297.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 124, 215) }
```

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

```
.background{ background-color: rgb(129,  
124, 215) }
```

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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