

Converting Colors

CIELCh(56, 86.788, 308.805)

Have a look what the booklet for
CIELCh(56, 86.788, 308.805)
contains.

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Color

CIELCh(56, 86.717, 308.952)

Conversions

Conversions Part 1

Format	Color
Hex	A065FD
RGB	160, 101, 253
RGB Percent	63%, 40%, 99%
CMY	0.3721, 0.6035, 0.0074
CMYK	0.37, 0.60, 0.00, 0.01
HSL	263°, 98%, 69%
HSV	263°, 60%, 99%
XYZ	36.9327, 23.9124, 95.6950
YIQ	135.9690, -13.6280, 59.7800

Conversions

Conversions Part 2

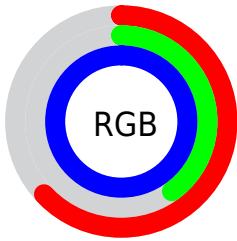
Format	Color
RYB	160, 101, 253
Decimal	10511869
CIELab	56.00, 54.52, -67.44
CIElCh	56, 86.717, 308.952
Yxy	23.9124, 0.2359, 0.1528
Android (android.graphics.Color)	4288701949 (0xFFA065FD)
YUV	135.9690, 57.6963, 21.0752
Hunter-Lab	48.9003, 49.2393, -81.7967

Details

The CIELCh color **56, 86.717, 308.952** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **93, 76.881, 122.226**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 58.481, 315.657**, and **36, 86.336, 308.843** is the 20% darker color. If you saturate the color by 10%, you get **50, 100.666, 309.549**, and if you desaturate by 10%, it is **63, 71.946, 308.251**.

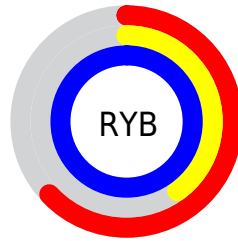
Distribution



Red (63%)

Green (40%)

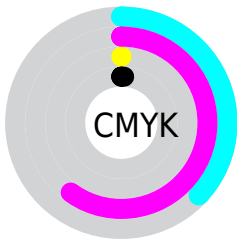
Blue (99%)



Red (63%)

Yellow (40%)

Blue (99%)

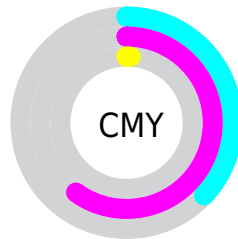


Cyan (37%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (37%)


Magenta (60%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 86.717, 308.952 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, 86.717, 308.952 by changing the saturation by 10% instead.


 56, 86.717,
308.952


 56, 86.717,
308.952


 100, 86.717,
308.952


 46, 86.717,
308.952


 76, 86.717,
308.952


 36, 86.717,
308.952


 86, 86.717,
308.952

 26, 86.717,
308.952

 96, 86.717,
308.952

 16, 86.717,
308.952

 6, 86.717, 308.952

 0, 86.717, 308.952

56, 86.717,
308.952

56, 86.717,
308.952

50, 100.666,
309.549

63, 71.946,
308.251

44, 112.812,
309.918

70, 56.981,
307.528

40, 121.908,
309.905

77, 42.175,
306.829

37, 127.323,
309.458

85, 27.711,
306.180

92, 13.672,
305.590

99, 0.086, 303.971

100, 0.944,
110.025

Harmonies

Complementary

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



56, 86.717, 308.952



93, 76.881, 122.226

Rectangle

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



56, 86.717, 308.952



56, 86.717, 358.952



56, 86.717, 128.952



56, 86.717, 178.952

Sweetspot

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



56, 86.716, 308.952



87, 24.938, 306.054



75, 38.664, 253.357



44, 17.410, 306.234



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, 86.716, 308.952



49, 103.822, 309.644



65, 88.760, 323.824



49, 7.769, 305.560



27, 102.917, 309.635



5, 44.885, 309.887

Inverse Universe

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



65, 69.857, 343.956



61, 79.770, 345.830



89, 88.371, 137.013



50, 6.894, 338.767



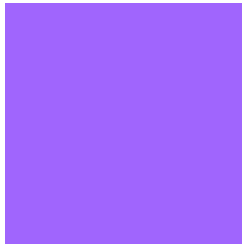
42, 70.737, 351.970



11, 33.342, 348.128

Previews

White Background



This preview shows how the CIELCh color 56, 86.717, 308.952 looks on a white background.

Color Contrast Check

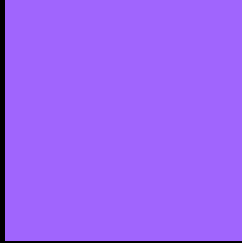
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.717, 308.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

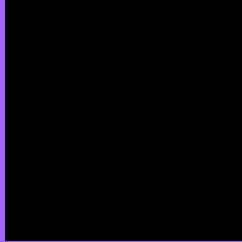
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 86.717, 308.952

Background



This preview shows how black text looks on a background with the CIELCh color 56, 86.717, 308.952.

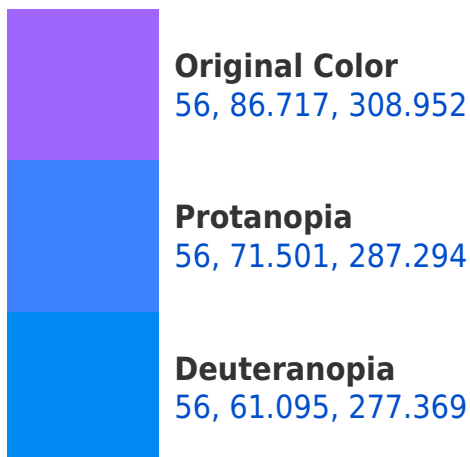


This preview shows how white text looks on a background with the CIELCh color 56, 86.717, 308.952.

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, 6.077, 309.355

Trichromacy



Original Color
56, 86.717, 308.952



Protanomaly
55, 76.965, 294.988



Deuteranomaly
54, 69.792, 287.327



Tritanomaly
55, 36.144, 307.191

Monochromacy



Original Color
56, 86.717, 308.952



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 33.176, 307.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 86.717, 308.952 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(160, 101, 253)` looks like.

```
.text, #text, p{  
    color:rgb(160, 101, 253)  
}
```

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(160, 101, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 101, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 86.717, 308.952 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(160, 101, 253) }
```

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

```
.border{ border-color:rgb(160, 101, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 101, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 101, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 101, 253);  
box-shadow:4px 4px 4px 4px rgb(160, 101,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 86.717, 308.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 101, 253) }
```

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

```
.background{ background-color: rgb(160,  
101, 253) }
```

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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