

Converting Colors

CIELCh(52, 68.152, 283.919)

Have a look what the booklet for
CIELCh(52, 68.152, 283.919)
contains.

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Color

CIELCh(52, 67.846, 283.786)

Conversions

Conversions Part 1

Format	Color
Hex	087AEE
RGB	8, 122, 238
RGB Percent	3%, 48%, 93%
CMY	0.9683, 0.5216, 0.0667
CMYK	0.97, 0.49, 0.00, 0.07
HSL	210°, 93%, 48%
HSV	210°, 97%, 93%
XYZ	22.4929, 20.1443, 83.5929
YIQ	101.1380, -105.1800, 11.9080

Conversions

Conversions Part 2

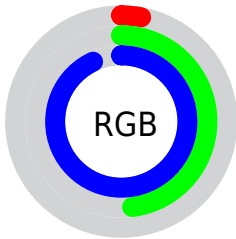
Format	Color
R _Y B	8, 84, 238
Decimal	555758
CIE _{Lab}	52.00, 16.17, -65.89
CIE _{LCh}	52, 67.846, 283.786
Y _{xy}	20.1443, 0.1782, 0.1596
Android (android.graphics.Color)	4278745838 (0xFF087AEE)
Y _{UV}	101.1380, 67.4730, -81.6820
Hunter-Lab	44.8824, 10.9113, -79.0091

Details

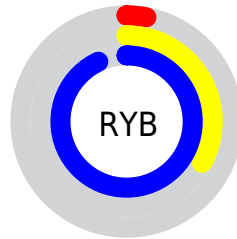
The CIELCh color **52, 67.846, 283.786** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **64, 79.421, 61.264**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 46.454, 273.002**, and **35, 65.727, 291.321** is the 20% darker color. If you saturate the color by 10%, you get **51, 70.292, 285.285**, and if you desaturate by 10%, it is **56, 60.841, 279.216**.

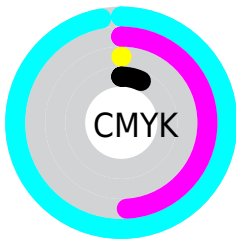
Distribution



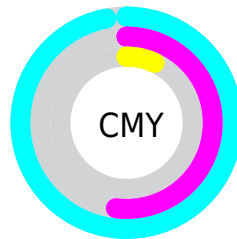
- Red (3%)
- Green (48%)
- Blue (93%)



- Red (3%)
- Yellow (33%)
- Blue (93%)



- Cyan (97%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)





- Cyan (97%)
- Magenta (52%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 67.846, 283.786 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 52, 67.846, 283.786 by changing the saturation by 10% instead.


 52, 67.846,
283.786


 52, 67.846,
283.786


 100, 67.846,
283.786


 42, 67.846,
283.786


 72, 67.846,
283.786

 32, 67.846,
283.786

 82, 67.846,
283.786

 22, 67.846,
283.786

 92, 67.846,
283.786

 12, 67.846,
283.786

 2, 67.846, 283.786

 0, 67.846, 283.786

■ 52, 67.846,
283.786

■ 52, 67.846,
283.786

■ 51, 70.292,
285.285

■ 56, 60.841,
279.216

■ 59, 54.019,
274.877

■ 64, 47.270,
270.950

■ 68, 40.492,
267.513

■ 72, 33.615,
264.572

■ 77, 26.608,
262.089

■ 82, 19.472,
260.005

■ 86, 12.222,

258.263

■ 91, 4.887, 256.838

Harmonies

Complementary

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



52, 67.846, 283.786



64, 79.421, 61.264

Rectangle

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



52, 67.846, 283.786



52, 67.846, 333.786



52, 67.846, 103.786



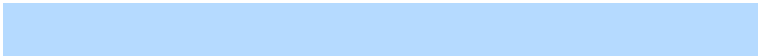
52, 67.846, 153.786

Sweetspot

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



52, 67.846, 283.788



86, 22.409, 260.492



83, 83.533, 149.508



43, 15.332, 261.378



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 67.846, 283.788



54, 74.341, 285.464



30, 125.492, 306.065



48, 4.221, 257.211



39, 56.916, 284.490



10, 21.549, 276.818

Inverse Universe

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



52, 79.924, 1.764



55, 84.582, 3.385



91, 91.372, 102.897



47, 6.048, 344.650



39, 66.174, 2.408



8, 29.403, 355.911

Previews

White Background



This preview shows how the CIE LCh color 52, 67.846, 283.786 looks on a white background.

Color Contrast Check

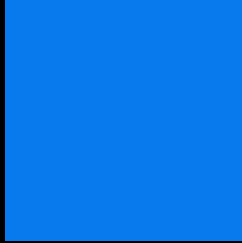
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 67.846, 283.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

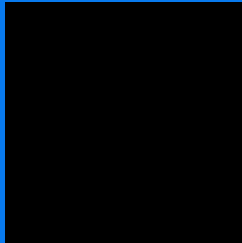
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

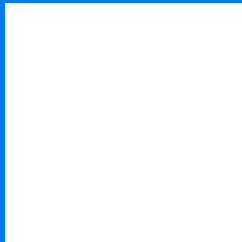
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 67.846, 283.786

Background



This preview shows how black text looks on a background with the CIELCh color 52, 67.846, 283.786.



This preview shows how white text looks on a background with the CIELCh color 52, 67.846, 283.786.

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

52, 67.846, 283.786

Protanopia

52, 67.378, 287.487

Deuteranopia

52, 56.269, 276.559



Tritanopia
52, 30.574, 206.586

Trichromacy



Original Color
52, 67.846, 283.786

Protanomaly
52, 67.633, 285.657

Deuteranomaly
52, 60.389, 279.406

Tritanomaly
52, 35.500, 248.856

Monochromacy



Original Color
52, 67.846, 283.786

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 27.377, 266.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 67.846, 283.786 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(8, 122, 238)` looks like.

```
.text, #text, p{  
    color:rgb(8, 122, 238)  
}
```

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(8, 122, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 122, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 67.846, 283.786 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(8, 122, 238) }
```

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

```
.border{ border-color:rgb(8, 122, 238) }
```

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

Here you see how a box with a 4 pixel rgb(8, 122, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 122, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 122, 238);  
box-shadow:4px 4px 4px 4px rgb(8, 122,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 67.846, 283.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 122, 238) }
```

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

```
.background{ background-color: rgb(8, 122,  
238) }
```

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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