

Converting Colors

CIELCh(52, 67.910, 307.267)

Have a look what the booklet for
CIELCh(52, 67.910, 307.267)
contains.

CIELCh(52, 68.407, 307.384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 68.407, 307.384)

Conversions

Conversions Part 1

Format	Color
Hex	8E65DA
RGB	142, 101, 218
RGB Percent	56%, 40%, 85%
CMY	0.4428, 0.6036, 0.1448
CMYK	0.35, 0.54, 0.00, 0.14
HSL	261°, 61%, 63%
HSV	261°, 54%, 86%
XYZ	28.4938, 20.1443, 68.7694
YIQ	126.5970, -13.1210, 45.0790

Conversions

Conversions Part 2

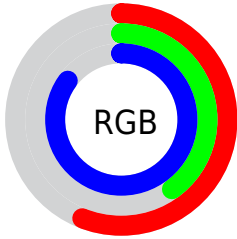
Format	Color
R _Y B	142, 101, 218
Decimal	9332186
CIE _{Lab}	52.00, 41.53, -54.36
CIE _{LCh}	52, 68.407, 307.384
Y _{xy}	20.1443, 0.2427, 0.1716
Android (android.graphics.Color)	4287522266 (0xFF8E65DA)
YUV	126.5970, 45.0617, 13.5084
Hunter-Lab	44.8824, 34.7772, -59.4272

Details

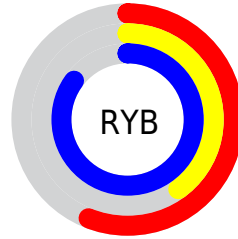
The CIELCh color $52, 68.407, 307.384$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $82, 61.184, 120.920$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 57.595, 309.528$, and $32, 68.321, 307.338$ is the 20% darker color. If you saturate the color by 10%, you get $46, 81.486, 308.156$, and if you desaturate by 10%, it is $58, 55.084, 306.584$.

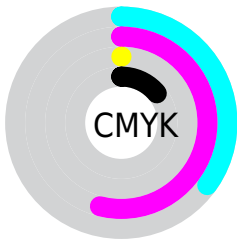
Distribution



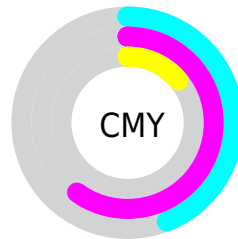
- Red (56%)
- Green (40%)
- Blue (85%)



- Red (56%)
- Yellow (40%)
- Blue (85%)



- Cyan (35%)
- Magenta (54%)
- Yellow (0%)
- Black (14%)



- Cyan (44%)
- Magenta (60%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 68.407, 307.384 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, 68.407, 307.384 by changing the saturation by 10% instead.


 52, 68.407,
307.384

 52, 68.407,
307.384

 100, 68.407,
307.384

 42, 68.407,
307.384

 72, 68.407,
307.384

 32, 68.407,
307.384

 82, 68.407,
307.384

 22, 68.407,
307.384

 92, 68.407,
307.384

 12, 68.407,
307.384

 2, 68.407, 307.384

 0, 68.407, 307.384

52, 68.407,
307.384

52, 68.407,
307.384

46, 81.486,
308.156

58, 55.084,
306.584

41, 93.688,
308.805

65, 41.879,
305.811

36, 104.031,
309.188

71, 28.972,
305.095

33, 111.347,
309.143

78, 16.447,
304.446

31, 114.499,
308.935

85, 4.333, 303.860

91, 7.369, 123.382

98, 18.671,
122.936

99, 18.667,
108.765

Harmonies

Complementary

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



52, 68.407, 307.384



82, 61.184, 120.920

Rectangle

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



52, 68.407, 307.384



52, 68.407, 357.384



52, 68.407, 127.384



52, 68.407, 177.384

Sweetspot

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



52, 68.406, 307.384



88, 21.973, 304.601



69, 30.396, 246.451



45, 14.886, 304.734



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, 68.406, 307.384



53, 93.006, 308.222



59, 71.187, 322.593



43, 6.822, 304.194



24, 96.316, 309.089



3, 30.374, 303.958

Inverse Universe

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



59, 57.757, 341.051



64, 75.409, 342.383



79, 70.368, 136.837



43, 6.255, 337.043



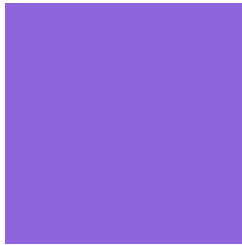
38, 67.144, 348.643



6, 27.129, 344.250

Previews

White Background



This preview shows how the CIELCh color 52, 68.407, 307.384 looks on a white background.

Color Contrast Check

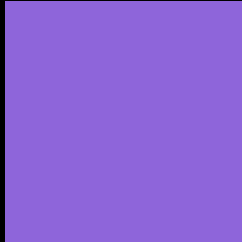
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 68.407, 307.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

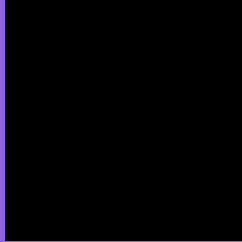
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 68.407, 307.384

Background



This preview shows how black text looks on a background with the CIELCh color 52, 68.407, 307.384.

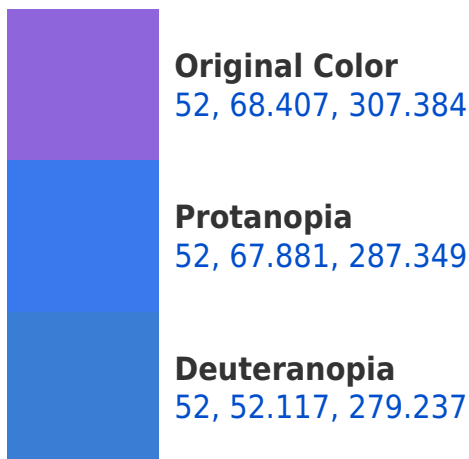


This preview shows how white text looks on a background with the CIELCh color 52, 68.407, 307.384.

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
52, 5.254, 295.086

Trichromacy



Original Color
52, 68.407, 307.384



Protanomaly
51, 67.712, 293.067



Deuteranomaly
51, 57.536, 289.983



Tritanomaly
52, 28.646, 304.881

Monochromacy



Original Color
52, 68.407, 307.384



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 25.020, 304.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 68.407, 307.384 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(142, 101, 218)` looks like.

```
.text, #text, p{  
    color:rgb(142, 101, 218)  
}
```

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(142, 101, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 101, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 68.407, 307.384 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(142, 101, 218) }
```

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

```
.border{ border-color:rgb(142, 101, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 101, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 101, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 101, 218); box-shadow:4px 4px 4px 4px rgb(142, 101, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 68.407, 307.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 101, 218) }
```

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

```
.background{ background-color: rgb(142,  
101, 218) }
```

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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