

Converting Colors

CIELCh(52, 68.551, 314.915)

Have a look what the booklet for
CIELCh(52, 68.551, 314.915)
contains.

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Color

CIELCh(52, 68.673, 314.898)

Conversions

Conversions Part 1

Format	Color
Hex	A25DD0
RGB	162, 93, 208
RGB Percent	64%, 36%, 82%
CMY	0.3637, 0.6344, 0.1833
CMYK	0.22, 0.55, 0.00, 0.18
HSL	276°, 55%, 59%
HSV	276°, 55%, 82%
XYZ	30.3034, 20.1443, 62.1307
YIQ	126.7410, 4.2090, 50.3930

Conversions

Conversions Part 2

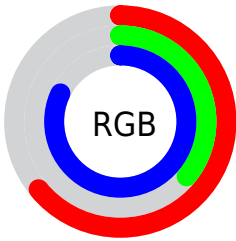
Format	Color
RYB	162, 93, 208
Decimal	10640848
CIELab	52.00, 48.47, -48.65
CIELCh	52, 68.673, 314.898
Yxy	20.1443, 0.2692, 0.1789
Android (android.graphics.Color)	4288830928 (0xFFA25DD0)
YUV	126.7410, 40.0607, 30.9221
Hunter-Lab	44.8824, 41.9739, -50.6574

Details

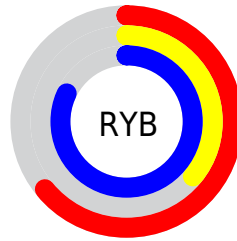
The CIELCh color **52, 68.673, 314.898** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **77, 64.665, 129.936**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 63.382, 316.614**, and **32, 68.560, 314.860** is the 20% darker color. If you saturate the color by 10%, you get **47, 80.172, 315.188**, and if you desaturate by 10%, it is **57, 56.371, 314.501**.

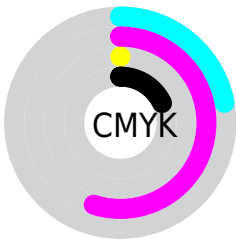
Distribution



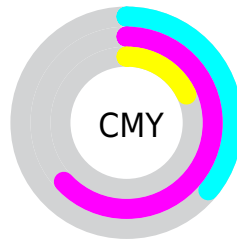
- Red (64%)
- Green (36%)
- Blue (82%)



- Red (64%)
- Yellow (36%)
- Blue (82%)



- Cyan (22%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)




- Cyan (36%)
- Magenta (63%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 68.673, 314.898 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, 68.673, 314.898 by changing the saturation by 10% instead.


 52, 68.673,
314.898


 52, 68.673,
314.898

 100, 68.673,
314.898


 42, 68.673,
314.898


 72, 68.673,
314.898

 32, 68.673,
314.898

 82, 68.673,
314.898

 22, 68.673,
314.898

 92, 68.673,
314.898

 12, 68.673,
314.898

 2, 68.673, 314.898

 0, 68.673, 314.898

52, 68.673,
314.898

52, 68.673,
314.898

47, 80.172,
315.188

57, 56.371,
314.501

43, 90.232,
315.299

63, 43.733,
314.052

39, 98.105,
315.142

69, 31.063,
313.586

37, 103.168,
314.636

75, 18.548,
313.126

36, 104.919,
314.323

80, 6.294, 312.677

86, 5.642, 132.326

92, 17.237,
131.940

97, 25.618,
130.279

■ 98, 24.587,
123.843

Harmonies

Complementary

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



52, 68.673, 314.898



77, 64.665, 129.936

Rectangle

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



52, 68.673, 314.898



52, 68.673, 4.898



52, 68.673, 134.898



52, 68.673, 184.898

Sweetspot

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



52, 68.672, 314.898



88, 24.457, 313.216



58, 40.546, 276.346



45, 16.396, 313.309



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, 68.672, 314.898



57, 95.335, 315.219



57, 67.264, 330.461



41, 6.884, 312.865



28, 89.427, 314.486



3, 27.421, 311.543

Inverse Universe

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



55, 50.257, 356.541



62, 68.806, 359.195



75, 67.952, 142.376



41, 5.085, 350.218



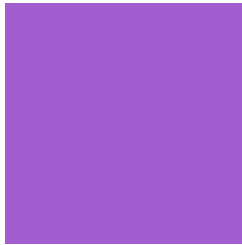
36, 62.085, 11.277



5, 20.995, 0.121

Previews

White Background



This preview shows how the CIELCh color 52, 68.673, 314.898 looks on a white background.

Color Contrast Check

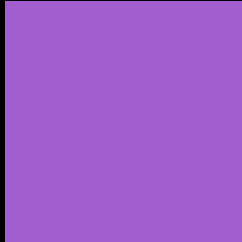
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.673, 314.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

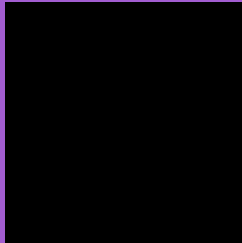
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 68.673, 314.898

Background



This preview shows how black text looks on a background with the CIELCh color 52, 68.673, 314.898.

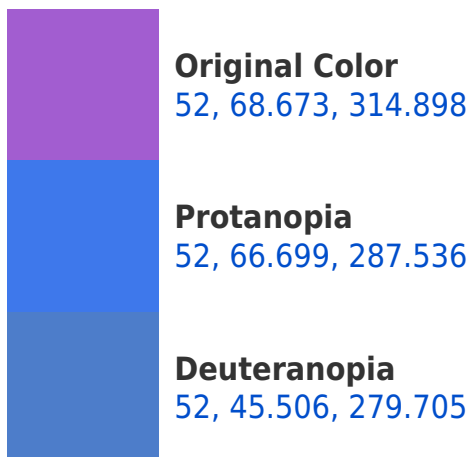


This preview shows how white text looks on a background with the CIELCh color 52, 68.673, 314.898.

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, 14.446, 0.123

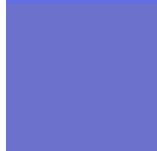
Trichromacy



Original Color
52, 68.673, 314.898



Protanomaly
51, 66.646, 295.362



Deuteranomaly
51, 52.881, 294.927



Tritanomaly
51, 32.620, 324.881

Monochromacy



Original Color
52, 68.673, 314.898



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 26.167, 313.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 68.673, 314.898 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(162, 93, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 93, 208)  
}
```

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(162, 93, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 93, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 68.673, 314.898 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(162, 93, 208) }
```

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

```
.border{ border-color:rgb(162, 93, 208) }
```

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

Here you see how a box with a 4 pixel rgb(162, 93, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 93, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 93, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 93,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 68.673, 314.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 93, 208) }
```

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

```
.background{ background-color: rgb(162, 93,  
208) }
```

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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