

Converting Colors

CIELCh(52, 57.856, 317.843)

Have a look what the booklet for
CIELCh(52, 57.856, 317.843)
contains.

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Color

CIELCh(52, 57.856, 317.843)

Conversions

Conversions Part 1

Format	Color
Hex	A361BF
RGB	163, 97, 191
RGB Percent	64%, 38%, 75%
CMY	0.3602, 0.6191, 0.2504
CMYK	0.15, 0.49, 0.00, 0.25
HSL	282°, 42%, 57%
HSV	282°, 49%, 75%
XYZ	28.8415, 20.1443, 51.7425
YIQ	127.4500, 9.1620, 43.2260

Conversions

Conversions Part 2

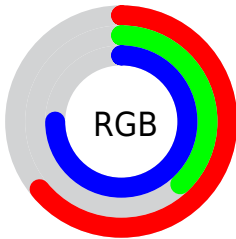
Format	Color
R_{YB}	163, 97, 191
Decimal	10707391
CIE _{Lab}	52.00, 42.89, -38.83
CIE _{LCh}	52, 57.856, 317.843
Yxy	20.1443, 0.2863, 0.2000
Android (android.graphics.Color)	4288897471 (0xFFA361BF)
YUV	127.4500, 31.3302, 31.1774
Hunter-Lab	44.8824, 36.1600, -36.9345

Details

The CIELCh color $52, 57.856, 317.843$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $71, 55.866, 133.315$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 57.713, 317.883$, and $32, 57.683, 317.835$ is the 20% darker color. If you saturate the color by 10%, you get $48, 68.851, 318.142$, and if you desaturate by 10%, it is $57, 46.219, 317.463$.

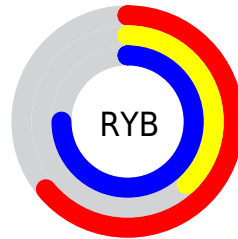
Distribution



Red (64%)

Green (38%)

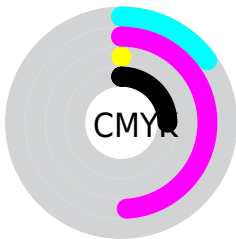
Blue (75%)



Red (64%)

Yellow (38%)

Blue (75%)

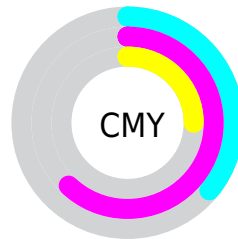


Cyan (15%)

Magenta (49%)

Yellow (0%)

Black (25%)



Cyan (36%)


Magenta (62%)


Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 57.856, 317.843 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, 57.856, 317.843 by changing the saturation by 10% instead.


 52, 57.856,
317.843


 52, 57.856,
317.843

 100, 57.856,
317.843


 42, 57.856,
317.843


 72, 57.856,
317.843

 32, 57.856,
317.843

 82, 57.856,
317.843

 22, 57.856,
317.843

 92, 57.856,
317.843

 12, 57.856,
317.843

 2, 57.856, 317.843

 0, 57.856, 317.843

■ 52, 57.856,
317.843

■ 52, 57.856,
317.843

■ 48, 68.851,
318.142

■ 57, 46.219,
317.463

■ 44, 78.708,
318.310

■ 62, 34.316,
317.042

■ 40, 86.825,
318.284

■ 67, 22.395,
316.605

■ 38, 92.634,
318.001

■ 72, 10.616,
316.167

■ 36, 96.123,
317.456


■ 78, 0.926, 135.960

■ 36, 96.385,
317.411

■ 83, 12.179,
135.398

■ 89, 23.120,
135.032

■ 94, 33.741,
134.701

 96, 35.739,
132.533

Harmonies

Complementary

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



52, 57.856, 317.843



71, 55.866, 133.315

Rectangle

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



52, 57.856, 317.843



52, 57.856, 7.843



52, 57.856, 137.843



52, 57.856, 187.843

Sweetspot

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



52, 57.854, 317.843



87, 21.514, 316.432



53, 38.511, 282.383



46, 14.827, 316.525



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 57.854, 317.843



61, 84.520, 318.160



55, 53.070, 333.779



37, 6.486, 316.174



29, 83.686, 317.544



2, 18.935, 312.635

Inverse Universe

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



53, 40.728, 2.610



63, 59.807, 5.058



70, 53.147, 146.193



37, 4.415, 356.931



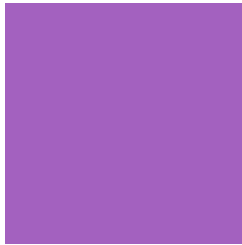
33, 61.169, 20.560



3, 12.838, 2.772

Previews

White Background



This preview shows how the CIELCh color 52, 57.856, 317.843 looks on a white background.

Color Contrast Check

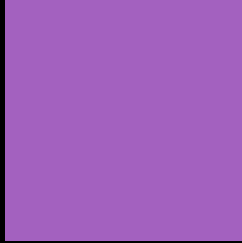
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.856, 317.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

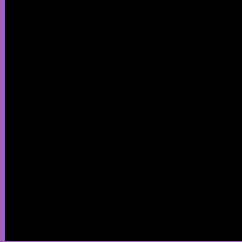
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 57.856, 317.843

Background



This preview shows how black text looks on a background with the CIELCh color 52, 57.856, 317.843.

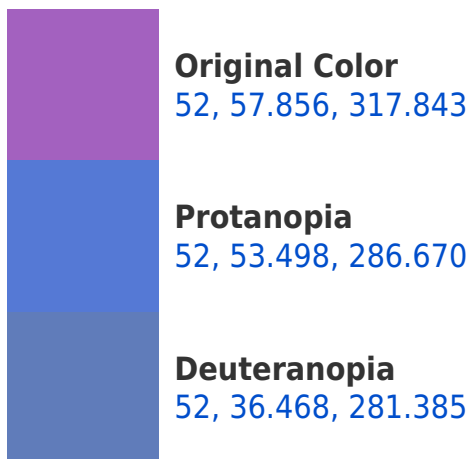


This preview shows how white text looks on a background with the CIELCh color 52, 57.856, 317.843.

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, 16.712, 5.498

Trichromacy



Original Color
52, 57.856, 317.843

Protanomaly
51, 54.046, 296.827

Deuteranomaly
51, 43.161, 297.795

Tritanomaly
52, 29.222, 332.643

Monochromacy



Original Color
52, 57.856, 317.843

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 21.764, 316.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 57.856, 317.843 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(163, 97, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 97, 191)  
}
```

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(163, 97, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 97, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 57.856, 317.843 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(163, 97, 191) }
```

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

```
.border{ border-color:rgb(163, 97, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 97, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 97, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 97, 191);  
box-shadow:4px 4px 4px 4px rgb(163, 97,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 57.856, 317.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 97, 191) }
```

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

```
.background{ background-color: rgb(163, 97,  
191) }
```

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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