

Converting Colors

CIELCh(52, 79.608, 310.129)

Have a look what the booklet for
CIELCh(52, 79.608, 310.129)
contains.

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Color

CIELCh(52, 79.599, 310.087)

Conversions

Conversions Part 1

Format	Color
Hex	985DE6
RGB	152, 93, 230
RGB Percent	60%, 36%, 90%
CMY	0.4048, 0.6361, 0.0990
CMYK	0.34, 0.60, 0.00, 0.10
HSL	266°, 73%, 63%
HSV	266°, 60%, 90%
XYZ	31.0507, 20.1443, 76.9404
YIQ	126.2590, -8.8130, 55.1150

Conversions

Conversions Part 2

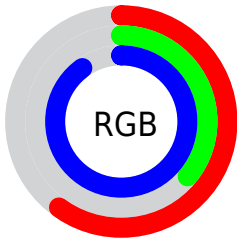
Format	Color
RYB	152, 93, 230
Decimal	9985510
CIELab	52.00, 51.26, -60.90
CIELCh	52, 79.599, 310.087
Yxy	20.1443, 0.2423, 0.1572
Android (android.graphics.Color)	4288175590 (0xFF985DE6)
YUV	126.2590, 51.1443, 22.5749
Hunter-Lab	44.8824, 44.9461, -70.2211

Details

The CIELCh color **52, 79.599, 310.087** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **85, 71.444, 123.890**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 62.659, 314.006**, and **32, 79.320, 310.117** is the 20% darker color. If you saturate the color by 10%, you get **46, 92.354, 310.587**, and if you desaturate by 10%, it is **58, 66.050, 309.479**.

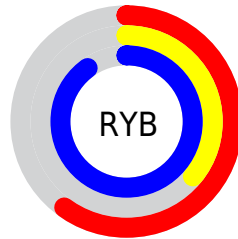
Distribution



Red (60%)

Green (36%)

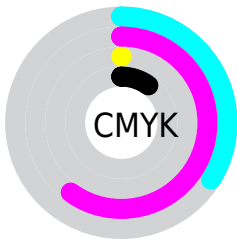
Blue (90%)



Red (60%)

Yellow (36%)

Blue (90%)

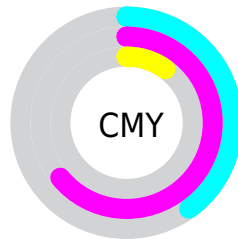


Cyan (34%)

Magenta (60%)

Yellow (0%)

Black (10%)



Cyan (40%)


Magenta (64%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 79.599, 310.087 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, 79.599, 310.087 by changing the saturation by 10% instead.


 52, 79.599,
310.087

 52, 79.599,
310.087


 100, 79.599,
310.087


 42, 79.599,
310.087


 72, 79.599,
310.087

 32, 79.599,
310.087

 82, 79.599,
310.087

 22, 79.599,
310.087

 92, 79.599,
310.087

 12, 79.599,
310.087

 2, 79.599, 310.087

 0, 79.599, 310.087

52, 79.599,
310.087

52, 79.599,
310.087

46, 92.354,
310.587

58, 66.050,
309.479

41, 103.465,
310.866

65, 52.273,
308.836

38, 111.869,
310.788

71, 38.595,
308.206

35, 117.057,
310.301

78, 25.197,
307.613

35, 117.237,
310.283

85, 12.164,
307.068

91, 0.468, 126.815

98, 12.692,
126.168

99, 12.772,
109.212

Harmonies

Complementary

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



52, 79.599, 310.087



85, 71.444, 123.890

Rectangle

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



52, 79.599, 310.087



52, 79.599, 0.087



52, 79.599, 130.087



52, 79.599, 180.087

Sweetspot

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



52, 79.598, 310.087



87, 25.104, 307.527



68, 36.882, 257.728



44, 17.521, 307.694



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, 79.598, 310.087



50, 103.516, 310.693



60, 81.938, 324.845



45, 7.177, 307.059



26, 96.872, 310.463



4, 35.201, 308.583

Inverse Universe

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



59, 62.756, 346.316



61, 78.013, 348.558



82, 81.968, 137.740



45, 6.137, 340.792



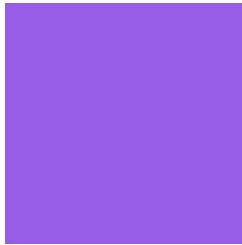
39, 66.073, 355.488



7, 28.422, 349.875

Previews

White Background



This preview shows how the CIELCh color 52, 79.599, 310.087 looks on a white background.

Color Contrast Check

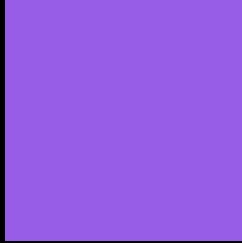
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.599, 310.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

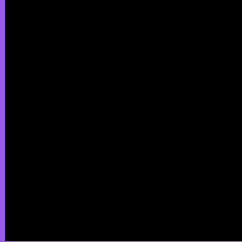
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 79.599, 310.087

Background



This preview shows how black text looks on a background with the CIELCh color 52, 79.599, 310.087.

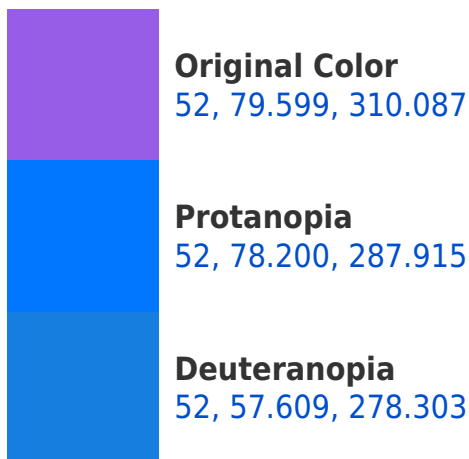


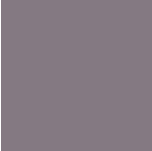
This preview shows how white text looks on a background with the CIELCh color 52, 79.599, 310.087.

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, 6.839, 330.359

Trichromacy



Original Color
52, 79.599, 310.087



Protanomaly
50, 78.999, 292.197



Deuteranomaly
50, 64.713, 289.101



Tritanomaly
51, 33.635, 310.966

Monochromacy



Original Color
52, 79.599, 310.087



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 30.166, 307.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 79.599, 310.087 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(152, 93, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 93, 230)  
}
```

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(152, 93, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 93, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 79.599, 310.087 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(152, 93, 230) }
```

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

```
.border{ border-color:rgb(152, 93, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 93, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 93, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 93, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 93,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 79.599, 310.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 93, 230) }
```

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

```
.background{ background-color: rgb(152, 93,  
230) }
```

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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