

Converting Colors

CIELCh(57, 20.316, 295.507)

Have a look what the booklet for
CIELCh(57, 20.316, 295.507)
contains.

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Color

CIELCh(57, 20.633, 295.497)

Conversions

Conversions Part 1

Format	Color
Hex	8885A9
RGB	136, 133, 169
RGB Percent	53%, 52%, 66%
CMY	0.4662, 0.4779, 0.3367
CMYK	0.20, 0.21, 0.00, 0.34
HSL	245°, 17%, 59%
HSV	245°, 21%, 66%
XYZ	25.7513, 24.9227, 41.0529
YIQ	138.0010, -9.7680, 11.8320

Conversions

Conversions Part 2

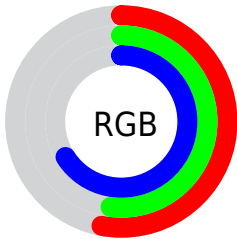
Format	Color
R_{YB}	136, 133, 169
Decimal	8947113
CIE Lab	57.00, 8.88, -18.62
CIE LCh	57, 20.633, 295.497
Yxy	24.9227, 0.2807, 0.2717
Android (android.graphics.Color)	4287137193 (0xFF8885A9)
YUV	138.0010, 15.2825, -1.7549
Hunter-Lab	49.9226, 4.7103, -13.8101

Details

The CIELCh color $57, 20.633, 295.497$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 19.662, 111.697$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 20.519, 295.854$, and $37, 20.453, 295.431$ is the 20% darker color. If you saturate the color by 10%, you get $51, 30.945, 296.707$, and if you desaturate by 10%, it is $63, 10.726, 294.455$.

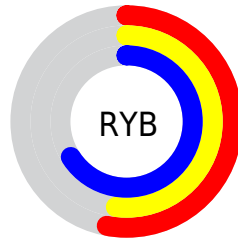
Distribution



Red (53%)

Green (52%)

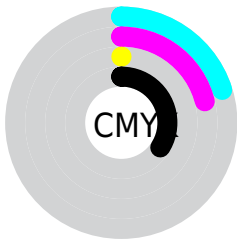
Blue (66%)



Red (53%)

Yellow (52%)

Blue (66%)

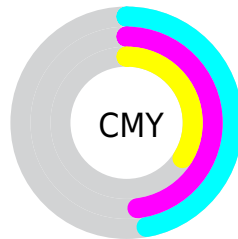


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (34%)



Cyan (47%)

Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 20.633, 295.497 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 57, 20.633, 295.497 by changing the saturation by 10% instead.

■ 57, 20.633,
295.497

■ 57, 20.633,
295.497

■ 100, 20.633,
295.497

■ 47, 20.633,
295.497

■ 77, 20.633,
295.497

■ 37, 20.633,
295.497

■ 87, 20.633,
295.497

■ 27, 20.633,
295.497

■ 97, 20.633,
295.497

■ 17, 20.633,
295.497

■ 7, 20.633, 295.497

■ 0, 20.633, 295.497

57, 20.633,
295.497

57, 20.633,
295.497

51, 30.945,
296.707

63, 10.726,
294.455

45, 41.673,
298.101

69, 1.208, 293.584

40, 52.775,
299.675

74, 7.951, 112.792

34, 64.100,
301.390

80, 16.773,
112.140

29, 75.255,
303.140

86, 25.284,
111.580

25, 85.416,
304.732

91, 33.504,
111.097

22, 93.259,
305.890

97, 41.453,
110.681

20, 97.933,

98, 42.956,
106.897

Harmonies

Complementary

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



57, 20.633, 295.497



68, 19.662, 111.697

Rectangle

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



57, 20.633, 295.497



57, 20.633, 345.497



57, 20.633, 115.497



57, 20.633, 165.497

Sweetspot

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



57, 20.632, 295.496



83, 6.977, 293.978



66, 12.008, 204.826



43, 4.626, 294.032



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 20.632, 295.496



69, 31.456, 296.100



59, 21.880, 312.285



33, 5.336, 294.265



17, 88.681, 306.613



1, 9.577, 292.998

Inverse Universe

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



60, 23.044, 327.966



74, 34.766, 328.263



67, 21.355, 130.437



33, 6.073, 327.269



34, 72.202, 331.786



2, 10.786, 327.712

Previews

White Background



This preview shows how the CIELCh color 57, 20.633, 295.497 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 57, 20.633, 295.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

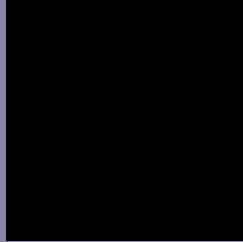
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 20.633, 295.497

Background



This preview shows how black text looks on a background with the CIELCh color 57, 20.633, 295.497.



This preview shows how white text looks on a background with the CIELCh color 57, 20.633, 295.497.

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

57, 20.633, 295.497

Protanopia

57, 20.632, 285.815

Deuteranopia

57, 19.996, 292.486



Tritanopia
57, 6.515, 274.152

Trichromacy



Original Color
57, 20.633, 295.497

Protanomaly
57, 20.573, 289.642

Deuteranomaly
57, 20.004, 293.494

Tritanomaly
57, 11.423, 287.818

Monochromacy



Original Color
57, 20.633, 295.497

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.437, 293.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 20.633, 295.497 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(136, 133, 169)` looks like.

```
.text, #text, p{  
    color:rgb(136, 133, 169)  
}
```

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(136, 133, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 133, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 20.633, 295.497 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(136, 133, 169) }
```

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

```
.border{ border-color:rgb(136, 133, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 133, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 133, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 133, 169);  
box-shadow:4px 4px 4px 4px rgb(136, 133,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 20.633, 295.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 133, 169) }
```

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

```
.background{ background-color: rgb(136,  
133, 169) }
```

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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