

Converting Colors

CIELCh(57, 20.614, 306.609)

Have a look what the booklet for
CIELCh(57, 20.614, 306.609)
contains.

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Color

CIELCh(57, 20.725, 306.616)

Conversions

Conversions Part 1

Format	Color
Hex	9183A6
RGB	145, 131, 166
RGB Percent	57%, 51%, 65%
CMY	0.4322, 0.4871, 0.3499
CMYK	0.13, 0.21, 0.00, 0.35
HSL	264°, 16%, 58%
HSV	264°, 21%, 65%
XYZ	26.5912, 24.9227, 39.3811
YIQ	139.1760, -2.8910, 13.8530

Conversions

Conversions Part 2

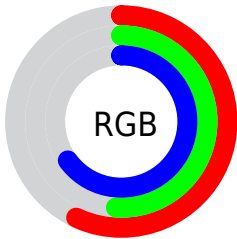
Format	Color
RYB	145, 131, 166
Decimal	9536422
CIELab	57.00, 12.36, -16.63
CIELCh	57, 20.725, 306.616
Yxy	24.9227, 0.2925, 0.2742
Android (android.graphics.Color)	4287726502 (0xFF9183A6)
YUV	139.1760, 13.2242, 5.1076
Hunter-Lab	49.9226, 7.7131, -11.8246

Details

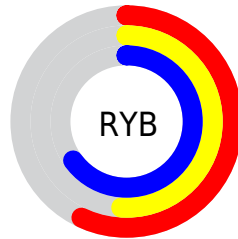
The CIELCh color $57, 20.725, 306.616$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $66, 20.019, 124.462$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 20.662, 306.572$, and $37, 20.403, 306.134$ is the 20% darker color. If you saturate the color by 10%, you get $52, 30.996, 307.234$, and if you desaturate by 10%, it is $62, 10.736, 306.049$.

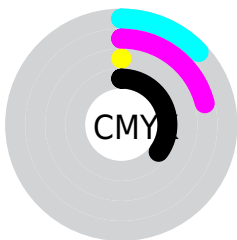
Distribution



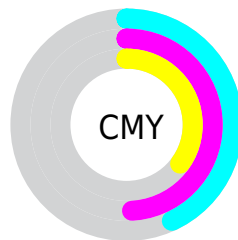
- Red (57%)
- Green (51%)
- Blue (65%)



- Red (57%)
- Yellow (51%)
- Blue (65%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (35%)





- Cyan (43%)
- Magenta (49%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 20.725, 306.616 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, 20.725, 306.616 by changing the saturation by 10% instead.


 57, 20.725,
306.616


 57, 20.725,
306.616


 100, 20.725,
306.616


 47, 20.725,
306.616


 77, 20.725,
306.616

 37, 20.725,
306.616

 87, 20.725,
306.616

 27, 20.725,
306.616

 97, 20.725,
306.616

 17, 20.725,
306.616

 7, 20.725, 306.616

 0, 20.725, 306.616

57, 20.725,
306.616

57, 20.725,
306.616

52, 30.996,
307.234

62, 10.736,
306.049

47, 41.494,
307.897

67, 1.058, 305.483

73, 8.308, 125.114

42, 52.091,
308.579

78, 17.368,
124.717

37, 62.549,
309.237

83, 26.135,
124.374

32, 72.454,
309.799

88, 34.624,
124.076

29, 81.170,
310.155


93, 42.849,
123.820

26, 87.880,
310.168

96, 46.244,
121.495

23, 92.235,

309.952

 97, 45.360,
116.926

Harmonies

Complementary

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



57, 20.725, 306.616



66, 20.019, 124.462

Rectangle

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



57, 20.725, 306.616



57, 20.725, 356.616



57, 20.725, 126.616



57, 20.725, 176.616

Sweetspot

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



57, 20.723, 306.615



83, 7.161, 305.785



62, 10.604, 244.389



44, 4.792, 305.817



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, 20.723, 306.615



70, 30.735, 306.879



59, 23.012, 322.225



33, 5.524, 305.952



20, 84.724, 310.053



1, 9.852, 303.450

Inverse Universe

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



59, 18.039, 340.254



73, 26.628, 340.634



65, 22.885, 140.107



33, 4.853, 339.278



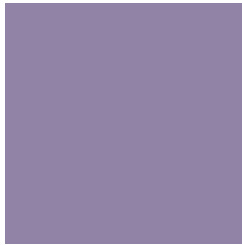
32, 58.405, 352.299



2, 8.308, 342.457

Previews

White Background



This preview shows how the CIELCh color 57, 20.725, 306.616 looks on a white background.

Color Contrast Check

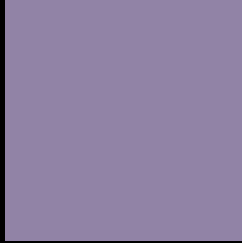
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.725, 306.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

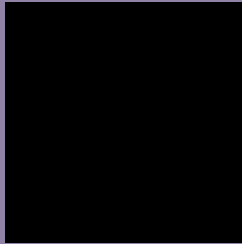
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 20.725, 306.616

Background



This preview shows how black text looks on a background with the CIELCh color 57, 20.725, 306.616.



This preview shows how white text looks on a background with the CIELCh color 57, 20.725, 306.616.

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, 20.725, 306.616

Protanopia

57, 19.473, 286.254

Deuteranopia

57, 17.743, 294.542



Tritanopia
57, 6.873, 313.971

Trichromacy



Original Color
57, 20.725, 306.616

Protanomaly
57, 20.044, 294.517

Deuteranomaly
57, 18.462, 299.006

Tritanomaly
57, 11.975, 307.910

Monochromacy



Original Color
57, 20.725, 306.616

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.683, 305.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 20.725, 306.616 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(145, 131, 166)` looks like.

```
.text, #text, p{  
    color:rgb(145, 131, 166)  
}
```

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(145, 131, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 131, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 20.725, 306.616 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(145, 131, 166) }
```

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

```
.border{ border-color:rgb(145, 131, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 131, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 131, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 131, 166);  
box-shadow:4px 4px 4px 4px rgb(145, 131,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 20.725, 306.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 131, 166) }
```

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

```
.background{ background-color: rgb(145,  
131, 166) }
```

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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