

Converting Colors

CIELCh(66, 9.017, 297.848)

Have a look what the booklet for
CIELCh(66, 9.017, 297.848) contains.

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Color

CIELCh(66, 8.917, 295.824)

Conversions

Conversions Part 1

Format	Color
Hex	A19FAF
RGB	161, 159, 175
RGB Percent	63%, 62%, 69%
CMY	0.3698, 0.3776, 0.3149
CMYK	0.08, 0.09, 0.00, 0.31
HSL	247°, 9%, 65%
HSV	247°, 9%, 69%
XYZ	34.6934, 35.3238, 45.3913
YIQ	161.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

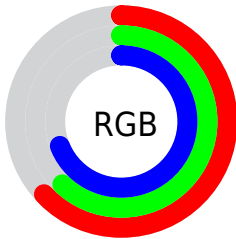
Format	Color
R _Y B	161, 159, 175
Decimal	10592175
CIE Lab	66.00, 3.88, -8.03
CIE LCh	66, 8.917, 295.824
Yxy	35.3238, 0.3006, 0.3061
Android (android.graphics.Color)	4288782255 (0xFFA19FAF)
YUV	161.4220, 6.6940, -0.3701
Hunter-Lab	59.4338, 0.1867, -3.6778

Details

The CIELCh color $66, 8.917, 295.824$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.732, 114.380$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.965, 295.405$, and $46, 8.935, 293.889$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.018, 296.751$, and if you desaturate by 10%, it is $72, 0.799, 114.997$.

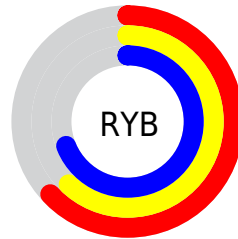
Distribution



Red (63%)

Green (62%)

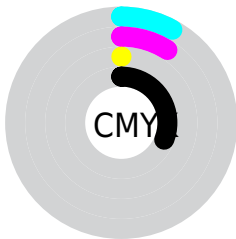
Blue (69%)



Red (63%)

Yellow (62%)

Blue (69%)

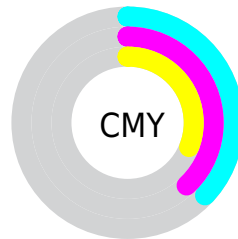


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.917, 295.824 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 66, 8.917, 295.824 by changing the saturation by 10% instead.

■ 66, 8.917, 295.824

■ 66, 8.917, 295.824

■ 100, 8.917,
295.824

■ 56, 8.917, 295.824

■ 86, 8.917, 295.824

■ 46, 8.917, 295.824

■ 96, 8.917, 295.824

■ 36, 8.917, 295.824

■ 26, 8.917, 295.824

■ 16, 8.917, 295.824

■ 6, 8.917, 295.824

■ 0, 8.917, 295.824

■ 66, 8.917, 295.824

■ 66, 8.917, 295.824

■ 60, 19.018,

■ 72, 0.799, 114.997

296.751

78, 10.150,
114.326

54, 29.527,
297.832

83, 19.162,
113.737

48, 40.449,
299.071

89, 27.859,
113.230

43, 51.746,
300.468

95, 36.260,
112.795

37, 63.282,
301.989

98, 40.260,
108.522

32, 74.712,
303.553

98, 40.244,
107.106

27, 85.312,
304.996

24, 93.870,
306.077

21, 99.557,
306.697

Harmonies

Complementary

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



66, 8.917, 295.824



71, 8.732, 114.380

Rectangle

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



66, 8.917, 295.824



66, 8.917, 345.824



66, 8.917, 115.824



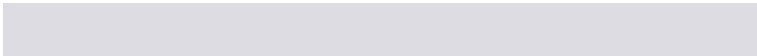
66, 8.917, 165.824

Sweetspot

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



66, 8.915, 295.819



88, 3.579, 295.319



70, 5.259, 210.309



47, 2.738, 295.381



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 8.915, 295.819



82, 13.305, 295.998



67, 9.628, 313.398



34, 5.482, 295.832



17, 89.507, 306.818



1, 11.386, 294.179

Inverse Universe

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



67, 9.838, 328.541



84, 14.643, 328.665



70, 9.532, 132.672



34, 6.048, 328.550



34, 70.805, 333.817



2, 12.258, 329.701

Previews

White Background



This preview shows how the CIELCh color 66, 8.917, 295.824 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 8.917, 295.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

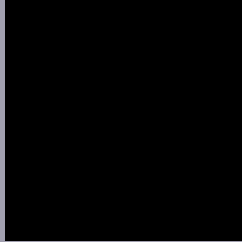
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

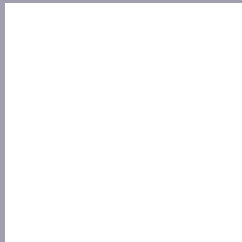
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 8.917, 295.824

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.917, 295.824.

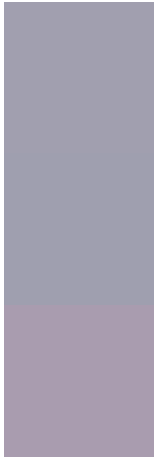


This preview shows how white text looks on a background with the CIELCh color 66, 8.917, 295.824.

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


66, 8.917, 295.824

Protanopia

66, 8.877, 291.110

Deuteranopia

66, 11.649, 315.665



Tritanopia
66, 7.229, 293.865

Trichromacy



Original Color
66, 8.917, 295.824

Protanomaly
66, 8.890, 293.469

Deuteranomaly
66, 10.575, 309.514

Tritanomaly
66, 7.783, 293.706

Monochromacy



Original Color
66, 8.917, 295.824

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.356, 296.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.917, 295.824 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(161, 159, 175)` looks like.

```
.text, #text, p{  
    color:rgb(161, 159, 175)  
}
```

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(161, 159, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 159, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.917, 295.824 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(161, 159, 175) }
```

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

```
.border{ border-color:rgb(161, 159, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 159, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 159, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 159, 175);  
box-shadow:4px 4px 4px 4px rgb(161, 159,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.917, 295.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 159, 175) }
```

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

```
.background{ background-color: rgb(161,  
159, 175) }
```

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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