

Converting Colors

CIELCh(66, 18.626, 292.103)

Have a look what the booklet for
CIELCh(66, 18.626, 292.103)
contains.

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Color

CIELCh(66, 18.308, 292.068)

Conversions

Conversions Part 1

Format	Color
Hex	9E9EBF
RGB	158, 158, 191
RGB Percent	62%, 62%, 75%
CMY	0.3817, 0.3817, 0.2523
CMYK	0.17, 0.17, 0.00, 0.25
HSL	240°, 20%, 68%
HSV	240°, 17%, 75%
XYZ	35.5728, 35.3238, 54.0371
YIQ	161.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

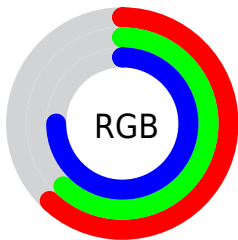
Format	Color
R _Y B	158, 158, 191
Decimal	10395327
CIE Lab	66.00, 6.88, -16.97
CIE LCh	66, 18.308, 292.068
Yxy	35.3238, 0.2847, 0.2827
Android (android.graphics.Color)	4288585407 (0xFF9E9EBF)
YUV	161.7620, 14.4143, -3.2993
Hunter-Lab	59.4338, 2.8279, -12.3026

Details

The CIELCh color **66, 18.308, 292.068** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 17.600, 108.513**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.854, 291.666**, and **46, 18.430, 291.546** is the 20% darker color. If you saturate the color by 10%, you get **59, 29.492, 293.428**, and if you desaturate by 10%, it is **72, 7.577, 290.913**.

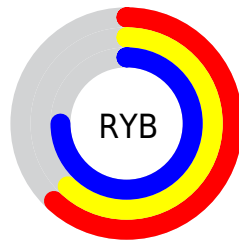
Distribution



Red (62%)

Green (62%)

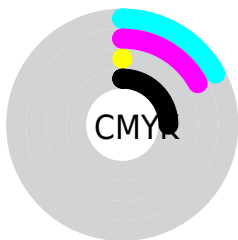
Blue (75%)



Red (62%)

Yellow (62%)

Blue (75%)

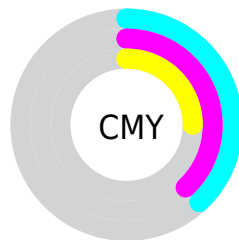


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (38%)


Magenta (38%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.308, 292.068 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, 18.308, 292.068 by changing the saturation by 10% instead.


 66, 18.308,
292.068


 66, 18.308,
292.068


 100, 18.308,
292.068


 56, 18.308,
292.068


 86, 18.308,
292.068

 46, 18.308,
292.068

 96, 18.308,
292.068

 36, 18.308,
292.068

 26, 18.308,
292.068

 16, 18.308,
292.068

 6, 18.308, 292.068

 0, 18.308, 292.068

■ 66, 18.308,
292.068

■ 66, 18.308,
292.068

■ 59, 29.492,
293.428

■ 72, 7.577, 290.913

■ 53, 41.161,
295.024

■ 79, 2.731, 109.901

■ 47, 53.314,
296.868

■ 85, 12.650,
109.084

■ 40, 65.859,
298.936

■ 92, 22.207,
108.375

■ 35, 78.481,
301.135

■ 98, 31.430,
107.767

■ 29, 90.396,
303.260

■ 99, 32.382,
107.713

■ 26, 100.148,
304.995

■ 23, 106.183,

306.053

■ 23, 107.527,
306.286

Harmonies

Complementary

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



66, 18.308, 292.068



76, 17.600, 108.513

Rectangle

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



66, 18.308, 292.068



66, 18.308, 342.068



66, 18.308, 112.068



66, 18.308, 162.068

Sweetspot

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



66, 18.306, 292.066



93, 6.384, 290.685



75, 11.663, 197.070



50, 4.396, 290.757



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 18.306, 292.066



81, 27.677, 292.589



67, 19.203, 309.290



36, 5.853, 291.133



18, 93.609, 306.285



1, 17.437, 290.634

Inverse Universe

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



68, 13.010, 20.563



83, 19.814, 20.936



75, 18.743, 127.703



37, 4.096, 19.907



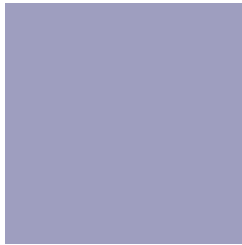
32, 72.798, 39.659



3, 12.251, 19.398

Previews

White Background



This preview shows how the CIELCh color 66, 18.308, 292.068 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, 18.308, 292.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

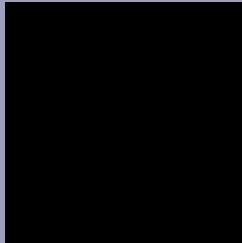
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 18.308, 292.068

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.308, 292.068.



This preview shows how white text looks on a background with the CIELCh color 66, 18.308, 292.068.

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

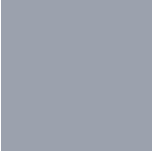
66, 18.308, 292.068

Protanopia

66, 17.816, 285.311

Deuteranopia

66, 18.953, 296.368



Tritanopia
66, 6.959, 272.503

Trichromacy



Original Color
66, 18.308, 292.068

Protanomaly
66, 17.764, 287.519

Deuteranomaly
66, 18.926, 295.308

Tritanomaly
66, 10.600, 283.464

Monochromacy



Original Color
66, 18.308, 292.068

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.652, 290.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.308, 292.068 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(158, 158, 191)` looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 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(158, 158, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.308, 292.068 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(158, 158, 191) }
```

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

```
.border{ border-color:rgb(158, 158, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 191);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.308, 292.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 191) }
```

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

```
.background{ background-color: rgb(158,  
158, 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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