

Converting Colors

CIELCh(66, 17.853, 290.480)

Have a look what the booklet for
CIELCh(66, 17.853, 290.480)
contains.

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Color

CIELCh(66, 17.752, 290.886)

Conversions

Conversions Part 1

Format	Color
Hex	9D9EBE
RGB	157, 158, 190
RGB Percent	62%, 62%, 75%
CMY	0.3844, 0.3805, 0.2550
CMYK	0.17, 0.17, 0.00, 0.26
HSL	238°, 20%, 68%
HSV	238°, 17%, 74%
XYZ	35.4102, 35.3238, 53.6477
YIQ	161.3490, -10.8680, 9.7400

Conversions

Conversions Part 2

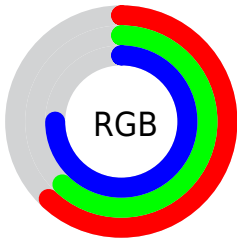
Format	Color
R_{YB}	157, 158, 190
Decimal	10329790
CIE _{Lab}	66.00, 6.33, -16.59
CIE _{LCh}	66, 17.752, 290.886
Yxy	35.3238, 0.2847, 0.2840
Android (android.graphics.Color)	4288519870 (0xFF9D9EBE)
YUV	161.3490, 14.1249, -3.8141
Hunter-Lab	59.4338, 2.3397, -11.9142

Details

The CIELCh color $66, 17.752, 290.886$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 17.104, 107.235$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 17.328, 290.509$, and $46, 17.843, 290.269$ is the 20% darker color. If you saturate the color by 10%, you get $60, 28.537, 292.271$, and if you desaturate by 10%, it is $72, 7.391, 289.709$.

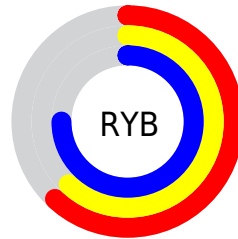
Distribution



Red (62%)

Green (62%)

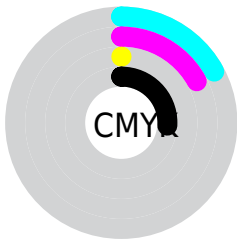
Blue (75%)



Red (62%)

Yellow (62%)

Blue (75%)

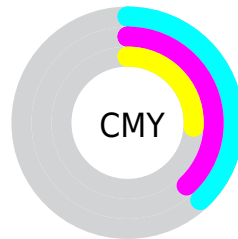


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 17.752, 290.886 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, 17.752, 290.886 by changing the saturation by 10% instead.

■ 66, 17.752,
290.886

■ 66, 17.752,
290.886

■ 100, 17.752,
290.886

■ 56, 17.752,
290.886

■ 86, 17.752,
290.886

■ 46, 17.752,
290.886

■ 96, 17.752,
290.886

■ 36, 17.752,
290.886

■ 26, 17.752,
290.886

■ 16, 17.752,
290.886

■ 6, 17.752, 290.886

■ 0, 17.752, 290.886

66, 17.752,
290.886

66, 17.752,
290.886

60, 28.537,
292.271

72, 7.391, 289.709

53, 39.781,
293.897

79, 2.575, 108.667

47, 51.490,
295.778

85, 12.176,
107.834

41, 63.607,
297.900

91, 21.439,
107.105

35, 75.891,
300.185

97, 30.388,
106.476

30, 87.714,
302.453

99, 32.726,
107.687

26, 97.839,
304.410

24, 104.632,

305.719

■ 23, 105.872,
305.934

Harmonies

Complementary

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



66, 17.752, 290.886



76, 17.104, 107.235

Rectangle

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



66, 17.752, 290.886



66, 17.752, 340.886



66, 17.752, 110.886



66, 17.752, 160.886

Sweetspot

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



66, 17.751, 290.884



93, 6.189, 289.469



75, 11.706, 195.603



50, 4.262, 289.542



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, 17.751, 290.884



81, 26.801, 291.408



67, 19.165, 308.721



37, 5.672, 289.925



18, 92.125, 305.846



1, 17.053, 289.792

Inverse Universe

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



68, 13.004, 18.175



83, 19.765, 18.570



75, 18.688, 127.100



37, 4.096, 17.458



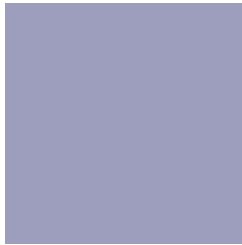
32, 71.629, 38.437



3, 12.262, 17.654

Previews

White Background



This preview shows how the CIELCh color 66, 17.752, 290.886 looks on a white background.

Color Contrast Check

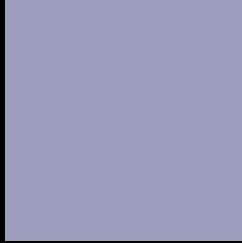
Large Text (above 18pt) WCAG AA × Fail

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, 17.752, 290.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

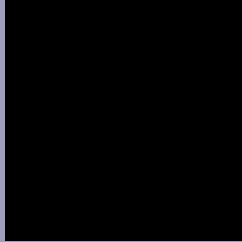
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 17.752, 290.886

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.752, 290.886.



This preview shows how white text looks on a background with the CIELCh color 66, 17.752, 290.886.

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

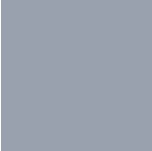
66, 17.752, 290.886

Protanopia

66, 17.787, 286.412

Deuteranopia

66, 18.401, 296.453



Tritanopia
66, 7.590, 271.313

Trichromacy



Original Color
66, 17.752, 290.886

Protanomaly
66, 17.764, 287.519

Deuteranomaly
66, 18.373, 295.358

Tritanomaly
66, 11.192, 282.113

Monochromacy



Original Color
66, 17.752, 290.886

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, 17.752, 290.886 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(157, 158, 190)` looks like.

```
.text, #text, p{  
    color:rgb(157, 158, 190)  
}
```

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(157, 158, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 158, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.752, 290.886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

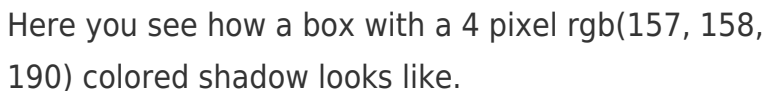
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 158, 190) }
```

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

```
.border{ border-color:rgb(157, 158, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 158, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 158, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 158, 190); box-shadow:4px 4px 4px 4px rgb(157, 158, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.752, 290.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 158, 190) }
```

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

```
.background{ background-color: rgb(157,  
158, 190) }
```

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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