

Converting Colors

CIELCh(66, 19.505, 291.048)

Have a look what the booklet for
CIELCh(66, 19.505, 291.048)
contains.

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Color

CIELCh(66, 19.412, 291.157)

Conversions

Conversions Part 1

Format	Color
Hex	9D9EC1
RGB	157, 158, 193
RGB Percent	62%, 62%, 76%
CMY	0.3855, 0.3816, 0.2444
CMYK	0.19, 0.18, 0.00, 0.24
HSL	238°, 22%, 69%
HSV	238°, 19%, 76%
XYZ	35.6107, 35.3238, 55.2093
YIQ	161.6910, -11.8310, 10.6730

Conversions

Conversions Part 2

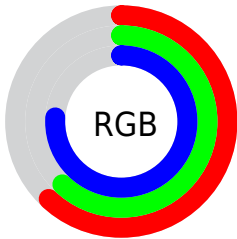
Format	Color
R _Y B	157, 158, 193
Decimal	10329793
CIE Lab	66.00, 7.01, -18.10
CIE LCh	66, 19.412, 291.157
Yxy	35.3238, 0.2823, 0.2800
Android (android.graphics.Color)	4288519873 (0xFF9D9EC1)
YUV	161.6910, 15.4353, -4.1140
Hunter-Lab	59.4338, 2.9417, -13.4720

Details

The CIELCh color $66, 19.412, 291.157$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 18.644, 107.212$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 19.424, 290.807$, and $46, 19.026, 290.585$ is the 20% darker color. If you saturate the color by 10%, you get $60, 30.413, 292.572$, and if you desaturate by 10%, it is $72, 8.847, 289.954$.

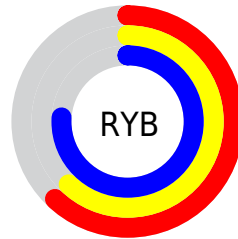
Distribution



Red (62%)

Green (62%)

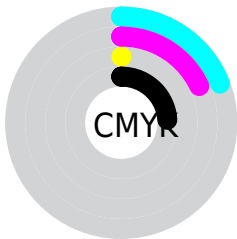
Blue (76%)



Red (62%)

Yellow (62%)

Blue (76%)

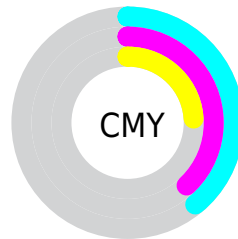


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (39%)


Magenta (38%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.412, 291.157 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, 19.412, 291.157 by changing the saturation by 10% instead.


 66, 19.412,
291.157


 66, 19.412,
291.157


 100, 19.412,
291.157


 56, 19.412,
291.157


 86, 19.412,
291.157

 46, 19.412,
291.157

 96, 19.412,
291.157

 36, 19.412,
291.157

 26, 19.412,
291.157

 16, 19.412,
291.157

 6, 19.412, 291.157

 0, 19.412, 291.157

66, 19.412,
291.157

66, 19.412,
291.157

60, 30.413,
292.572

72, 8.847, 289.954

53, 41.884,
294.231

79, 1.311, 108.866

85, 11.095,
108.042

47, 53.825,
296.145

91, 20.531,
107.300

41, 66.159,
298.293

98, 29.644,
106.661

35, 78.596,
300.584

99, 31.377,
107.791

30, 90.413,
302.818

26, 100.249,
304.688

24, 106.506,

305.861

■ 24, 107.133,
305.969

Harmonies

Complementary

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



66, 19.412, 291.157



77, 18.644, 107.212

Rectangle

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



66, 19.412, 291.157



66, 19.412, 341.157



66, 19.412, 111.157



66, 19.412, 161.157

Sweetspot

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



66, 19.411, 291.155



94, 7.520, 289.677



75, 12.686, 195.521



49, 4.993, 289.746



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, 19.411, 291.155



81, 28.446, 291.649



67, 20.887, 308.791



37, 5.814, 290.031



19, 93.363, 305.890



1, 19.090, 290.397

Inverse Universe

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



68, 14.216, 18.499



84, 20.960, 18.872



76, 20.327, 127.035



38, 4.187, 17.661



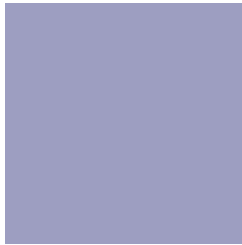
33, 72.628, 38.595



3, 14.009, 17.880

Previews

White Background



This preview shows how the CIELCh color 66, 19.412, 291.157 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 CIELCh color 66, 19.412, 291.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

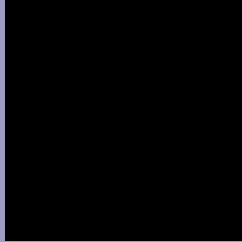
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

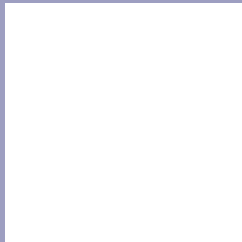
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 19.412, 291.157

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.412, 291.157.



This preview shows how white text looks on a background with the CIELCh color 66, 19.412, 291.157.

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, 19.412, 291.157

Protanopia

66, 18.913, 285.848

Deuteranopia

66, 20.031, 295.225



Tritanopia
66, 7.710, 268.773

Trichromacy



Original Color
66, 19.412, 291.157

Protanomaly
66, 18.886, 286.879

Deuteranomaly
66, 20.012, 294.230

Tritanomaly
66, 11.789, 280.918

Monochromacy



Original Color
66, 19.412, 291.157

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.210, 288.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.412, 291.157 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(157, 158, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 158, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.412, 291.157 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, 193) }
```

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

```
.border{ border-color:rgb(157, 158, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 158, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 158, 193);  
box-shadow:4px 4px 4px 4px rgb(157, 158,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.412, 291.157 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, 193) }
```

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

```
.background{ background-color: rgb(157,  
158, 193) }
```

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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