

Converting Colors

CIELCh(66, 15.578, 286.602)

Have a look what the booklet for
CIELCh(66, 15.578, 286.602)
contains.

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Color

CIELCh(66, 15.560, 286.602)

Conversions

Conversions Part 1

Format	Color
Hex	9B9FBB
RGB	155, 159, 187
RGB Percent	61%, 62%, 73%
CMY	0.3924, 0.3767, 0.2669
CMYK	0.17, 0.15, 0.00, 0.27
HSL	232°, 19%, 67%
HSV	232°, 17%, 73%
XYZ	34.8572, 35.3238, 51.9600
YIQ	160.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

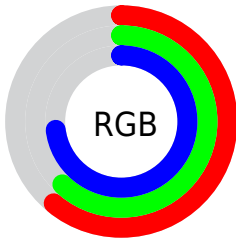
Format	Color
R_{YB}	155, 159, 187
Decimal	10198971
CIE _{Lab}	66.00, 4.45, -14.91
CIE _{LCh}	66, 15.560, 286.602
Yxy	35.3238, 0.2854, 0.2892
Android (android.graphics.Color)	4288389051 (0xFF9B9FBB)
YUV	160.9960, 12.8200, -5.2585
Hunter-Lab	59.4338, 0.6787, -10.2306

Details

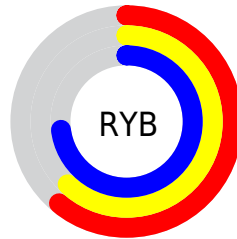
The CIELCh color $66, 15.560, 286.602$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 15.134, 102.729$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 15.256, 286.355$, and $46, 15.517, 285.514$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.083, 288.065$, and if you desaturate by 10%, it is $72, 6.364, 285.355$.

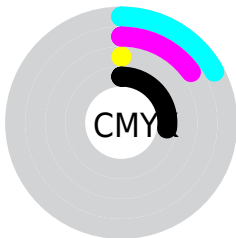
Distribution



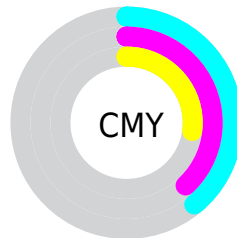
- Red (61%)
- Green (62%)
- Blue (73%)



- Red (61%)
- Yellow (62%)
- Blue (73%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)





- Cyan (39%)
- Magenta (38%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 15.560, 286.602 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, 15.560, 286.602 by changing the saturation by 10% instead.


 66, 15.560,
286.602


 66, 15.560,
286.602


 100, 15.560,
286.602


 56, 15.560,
286.602


 86, 15.560,
286.602

 46, 15.560,
286.602

 96, 15.560,
286.602

 36, 15.560,
286.602

 26, 15.560,
286.602

 16, 15.560,
286.602

 6, 15.560, 286.602

 0, 15.560, 286.602

66, 15.560,
286.602

66, 15.560,
286.602

60, 25.083,
288.065

72, 6.364, 285.355

54, 34.968,
289.782

78, 2.525, 104.220

49, 45.238,
291.775

83, 11.130,
103.332

43, 55.898,
294.053

89, 19.470,
102.540

38, 66.877,
296.577

94, 27.560,
101.850

33, 77.917,
299.235

99, 34.225,
107.571

28, 88.397,
301.810

25, 97.234,

303.996

■ 24, 99.329,
304.477

Harmonies

Complementary

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



66, 15.560, 286.602



74, 15.134, 102.729

Rectangle

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



66, 15.560, 286.602



66, 15.560, 336.602



66, 15.560, 106.602



66, 15.560, 156.602

Sweetspot

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



66, 15.559, 286.599



92, 5.504, 285.130



73, 11.737, 187.098



49, 3.789, 285.207



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 15.559, 286.599



81, 23.735, 287.190



66, 18.334, 305.223



37, 5.125, 285.615



20, 87.010, 304.234



2, 15.875, 286.895

Inverse Universe

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



67, 12.720, 10.669



82, 19.509, 11.151



74, 17.797, 123.402



37, 4.144, 9.857



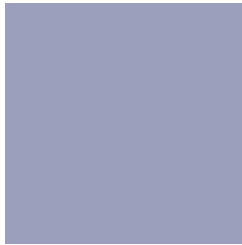
33, 67.854, 33.863



3, 12.369, 12.238

Previews

White Background



This preview shows how the CIELCh color 66, 15.560, 286.602 looks on a white background.

Color Contrast Check

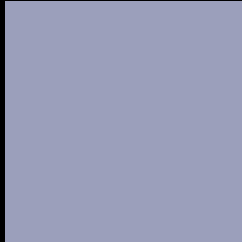
Large Text (above 18pt) WCAG AA × Fail

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, 15.560, 286.602 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, 15.560, 286.602

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.560, 286.602.



This preview shows how white text looks on a background with the CIELCh color 66, 15.560, 286.602.

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, 15.560, 286.602

Protanopia

66, 15.560, 286.602

Deuteranopia

66, 17.447, 300.160



Tritanopia
66, 7.710, 268.773

Trichromacy



Original Color
66, 15.560, 286.602

Protanomaly
66, 15.560, 286.602

Deuteranomaly
66, 16.715, 295.549

Tritanomaly
66, 10.705, 279.667

Monochromacy



Original Color
66, 15.560, 286.602

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.552, 286.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.560, 286.602 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(155, 159, 187)` looks like.

```
.text, #text, p{  
    color:rgb(155, 159, 187)  
}
```

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(155, 159, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.560, 286.602 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(155, 159, 187) }
```

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

```
.border{ border-color:rgb(155, 159, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 159, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 159, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 159, 187);  
box-shadow:4px 4px 4px 4px rgb(155, 159,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.560, 286.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 159, 187) }
```

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

```
.background{ background-color: rgb(155,  
159, 187) }
```

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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