

Converting Colors

CIELCh(66, 11.331, 307.076)

Have a look what the booklet for
CIELCh(66, 11.331, 307.076)
contains.

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Color

CIELCh(66, 11.528, 306.065)

Conversions

Conversions Part 1

Format	Color
Hex	A59DB1
RGB	165, 157, 177
RGB Percent	65%, 62%, 69%
CMY	0.3526, 0.3840, 0.3056
CMYK	0.07, 0.11, 0.00, 0.31
HSL	264°, 11%, 66%
HSV	264°, 11%, 69%
XYZ	35.5456, 35.3238, 46.5792
YIQ	161.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

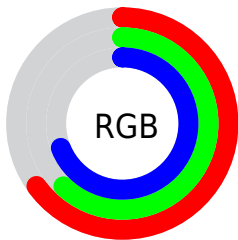
Format	Color
RYB	165, 157, 177
Decimal	10853809
CIELab	66.00, 6.79, -9.32
CIElCh	66, 11.528, 306.065
Yxy	35.3238, 0.3026, 0.3008
Android (android.graphics.Color)	4289043889 (0xFFA59DB1)
YUV	161.6720, 7.5567, 2.9187
Hunter-Lab	59.4338, 2.7462, -4.8628

Details

The CIELCh color **66, 11.528, 306.065** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 11.311, 124.957**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.424, 305.269**, and **46, 11.100, 305.825** is the 20% darker color. If you saturate the color by 10%, you get **60, 22.073, 306.633**, and if you desaturate by 10%, it is **72, 1.307, 305.503**.

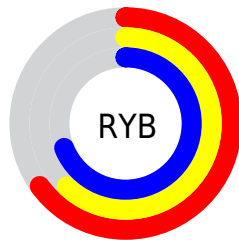
Distribution



Red (65%)

Green (62%)

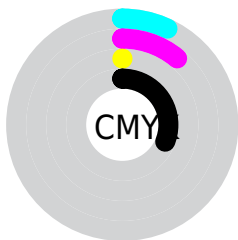
Blue (69%)



Red (65%)

Yellow (62%)

Blue (69%)

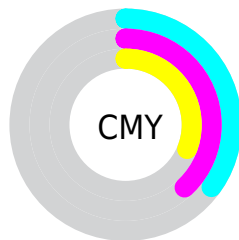


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (35%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.528, 306.065 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, 11.528, 306.065 by changing the saturation by 10% instead.


 66, 11.528,
306.065


 66, 11.528,
306.065


 100, 11.528,
306.065


 56, 11.528,
306.065


 86, 11.528,
306.065

 46, 11.528,
306.065

 96, 11.528,
306.065

 36, 11.528,
306.065

 26, 11.528,
306.065

 16, 11.528,
306.065

 6, 11.528, 306.065

 0, 11.528, 306.065

66, 11.528,
306.065

66, 11.528,
306.065

60, 22.073,
306.633

72, 1.307, 305.503

55, 32.922,
307.257

77, 8.582, 125.121

50, 44.006,
307.923

83, 18.146,
124.721

44, 55.188,
308.609

88, 27.399,
124.376

39, 66.206,
309.268

93, 36.356,
124.076

35, 76.611,
309.825

97, 40.451,
121.442


31, 85.711,
310.167


97, 39.584,
115.858

27, 92.631,

98, 39.135,
109.979

310.154

 98, 39.080,
107.196

 25, 96.899,
309.898

Harmonies

Complementary

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



66, 11.528, 306.065



71, 11.311, 124.957

Rectangle

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



66, 11.528, 306.065



66, 11.528, 356.065



66, 11.528, 126.065



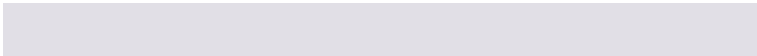
66, 11.528, 176.065

Sweetspot

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



66, 11.526, 306.063



89, 3.737, 305.621



69, 6.083, 243.143



47, 2.832, 305.666



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, 11.526, 306.063



82, 17.723, 306.225



67, 12.925, 321.758



35, 5.800, 305.957



21, 86.882, 310.022



1, 13.651, 302.132

Inverse Universe

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



67, 10.114, 339.445



83, 15.519, 339.686



70, 12.875, 140.687



35, 5.096, 339.285



33, 59.841, 352.396



2, 11.303, 344.267

Previews

White Background



This preview shows how the CIELCh color 66, 11.528, 306.065 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, 11.528, 306.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

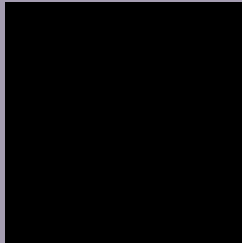
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 11.528, 306.065

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.528, 306.065.



This preview shows how white text looks on a background with the CIELCh color 66, 11.528, 306.065.

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, 11.528, 306.065

Protanopia

66, 10.540, 289.311

Deuteranopia

66, 12.525, 312.015



Tritanopia
66, 7.583, 308.047

Trichromacy



Original Color
66, 11.528, 306.065

Protanomaly
66, 11.174, 296.939

Deuteranomaly
66, 12.398, 310.405

Tritanomaly
66, 8.647, 305.923

Monochromacy



Original Color
66, 11.528, 306.065

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 4.058, 306.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.528, 306.065 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(165, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 157, 177)  
}
```

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(165, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 157, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.528, 306.065 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(165, 157, 177) }
```

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

```
.border{ border-color:rgb(165, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(165, 157,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.528, 306.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 157, 177) }
```

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

```
.background{ background-color: rgb(165,  
157, 177) }
```

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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