

Converting Colors

CIELCh(66, 17.121, 241.705)

Have a look what the booklet for
CIELCh(66, 17.121, 241.705)
contains.

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Color

CIELCh(66, 17.121, 241.705)

Conversions

Conversions Part 1

Format	Color
Hex	7FA6BB
RGB	127, 166, 187
RGB Percent	50%, 65%, 73%
CMY	0.5023, 0.3494, 0.2671
CMYK	0.32, 0.11, 0.00, 0.27
HSL	201°, 31%, 62%
HSV	201°, 32%, 73%
XYZ	31.3142, 35.3238, 52.1238
YIQ	156.7330, -29.9850, -1.7370

Conversions

Conversions Part 2

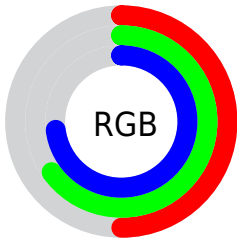
Format	Color
RYB	127, 151, 187
Decimal	8365755
CIELab	66.00, -8.12, -15.08
CIElCh	66, 17.121, 241.705
Yxy	35.3238, 0.2637, 0.2974
Android (android.graphics.Color)	4286555835 (0xFF7FA6BB)
YUV	156.7330, 14.9216, -26.0758
Hunter-Lab	59.4338, -9.9620, -10.3939

Details

The CIELCh color **66, 17.121, 241.705** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 20.322, 55.169**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.121, 241.386**, and **46, 17.285, 242.172** is the 20% darker color. If you saturate the color by 10%, you get **63, 21.855, 243.575**, and if you desaturate by 10%, it is **69, 12.063, 240.195**.

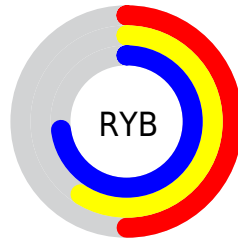
Distribution



Red (50%)

Green (65%)

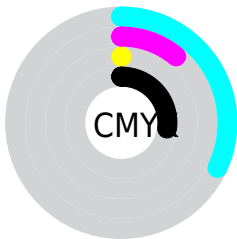
Blue (73%)



Red (50%)

Yellow (59%)

Blue (73%)

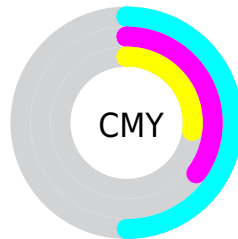


Cyan (32%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (50%)


Magenta (35%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 17.121, 241.705 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, 17.121, 241.705 by changing the saturation by 10% instead.


 66, 17.121,
241.705


 66, 17.121,
241.705


 100, 17.121,
241.705


 56, 17.121,
241.705


 86, 17.121,
241.705

 46, 17.121,
241.705


 96, 17.121,
241.705

 36, 17.121,
241.705

 26, 17.121,
241.705

 16, 17.121,
241.705

 6, 17.121, 241.705

 0, 17.121, 241.705

66, 17.121,
241.705

66, 17.121,
241.705

63, 21.855,
243.575

69, 12.063,
240.195

60, 26.218,
245.894

72, 6.735, 238.999

75, 1.192, 238.320

58, 30.181,
248.741

78, 4.519, 57.032

55, 33.749,
252.189

82, 10.354, 56.430

53, 36.973,
256.278

85, 16.277, 55.905

88, 21.374, 57.109

50, 39.966,
260.975

89, 21.766, 67.806

49, 42.318,
264.882

91, 22.889, 77.744

Harmonies

Complementary

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



66, 17.121, 241.705



64, 20.322, 55.169

Rectangle

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



66, 17.121, 241.705



66, 17.121, 291.705



66, 17.121, 61.705



66, 17.121, 111.705

Sweetspot

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



66, 17.120, 241.701



92, 6.896, 238.803



71, 31.255, 152.992



49, 4.731, 238.944



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, 17.120, 241.701



81, 25.172, 243.075



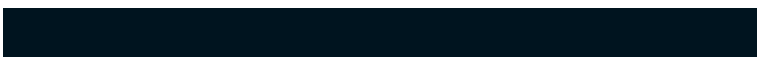
58, 28.522, 286.796



38, 3.195, 238.725



41, 37.086, 264.165



5, 10.014, 252.476

Inverse Universe

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



60, 31.349, 338.851



73, 46.832, 339.536



72, 27.234, 98.721



37, 5.528, 337.007



35, 62.828, 348.402



3, 15.434, 342.711

Previews

White Background



This preview shows how the CIE LCh color 66, 17.121, 241.705 looks on a white background.

Color Contrast Check

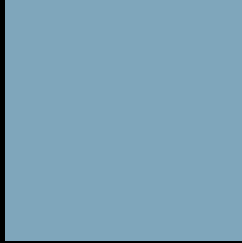
Large Text (above 18pt) WCAG AA × Fail

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, 17.121, 241.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

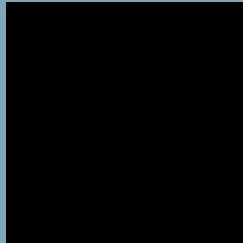
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

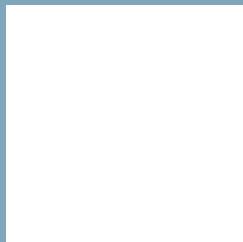
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 17.121, 241.705

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.121, 241.705.



This preview shows how white text looks on a background with the CIELCh color 66, 17.121, 241.705.

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, 17.121, 241.705

Protanopia

66, 12.781, 286.699

Deuteranopia

66, 18.456, 297.555



Tritanopia
66, 15.741, 225.784

Trichromacy



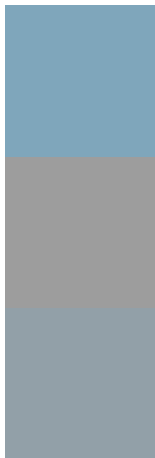
Original Color
66, 17.121, 241.705

Protanomaly
66, 13.396, 265.138

Deuteranomaly
66, 15.886, 277.871

Tritanomaly
66, 16.143, 231.971

Monochromacy



Original Color
66, 17.121, 241.705

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.695, 240.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.121, 241.705 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(127, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(127, 166, 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(127, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 166, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.121, 241.705 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(127, 166, 187) }
```

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

```
.border{ border-color:rgb(127, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(127, 166,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.121, 241.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 166, 187) }
```

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

```
.background{ background-color: rgb(127,  
166, 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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