

Converting Colors

CIELCh(66, 11.843, 256.849)

Have a look what the booklet for
CIELCh(66, 11.843, 256.849)
contains.

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Color

CIELCh(66, 11.832, 256.831)

Conversions

Conversions Part 1

Format	Color
Hex	90A3B5
RGB	144, 163, 181
RGB Percent	56%, 64%, 71%
CMY	0.4364, 0.3619, 0.2913
CMYK	0.20, 0.10, 0.00, 0.29
HSL	209°, 20%, 64%
HSV	209°, 20%, 71%
XYZ	32.8119, 35.3238, 48.6512
YIQ	159.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

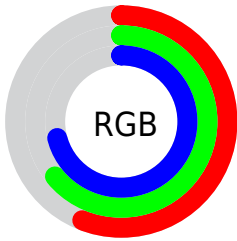
Format	Color
RYB	144, 157, 181
Decimal	9479093
CIELab	66.00, -2.70, -11.52
CIELCh	66, 11.832, 256.831
Yxy	35.3238, 0.2810, 0.3025
Android (android.graphics.Color)	4287669173 (0xFF90A3B5)
YUV	159.3710, 10.6631, -13.4804
Hunter-Lab	59.4338, -5.4640, -6.9298

Details

The CIELCh color $66, 11.832, 256.831$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 12.538, 71.455$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 11.895, 256.321$, and $46, 11.862, 257.807$ is the 20% darker color. If you saturate the color by 10%, you get $62, 17.474, 258.630$, and if you desaturate by 10%, it is $70, 6.092, 255.328$.

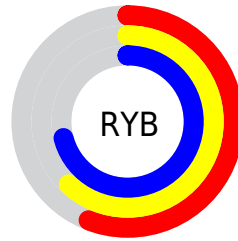
Distribution



Red (56%)

Green (64%)

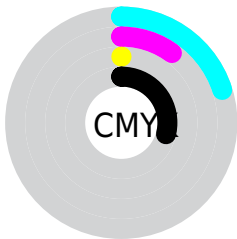
Blue (71%)



Red (56%)

Yellow (62%)

Blue (71%)

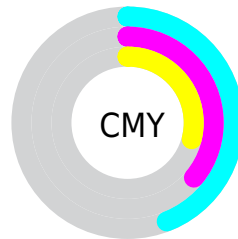


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (44%)


Magenta (36%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.832, 256.831 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, 11.832, 256.831 by changing the saturation by 10% instead.


 66, 11.832,
256.831


 66, 11.832,
256.831


 100, 11.832,
256.831


 56, 11.832,
256.831


 86, 11.832,
256.831

 46, 11.832,
256.831

 96, 11.832,
256.831

 36, 11.832,
256.831

 26, 11.832,
256.831

 16, 11.832,
256.831

 6, 11.832, 256.831

 0, 11.832, 256.831

66, 11.832,
256.831

66, 11.832,
256.831

62, 17.474,
258.630

70, 6.092, 255.328

59, 22.997,
260.787

73, 0.281, 255.235

77, 5.578, 72.827

55, 28.387,
263.356

81, 11.460, 71.925

52, 33.647,
266.391

85, 17.349, 71.130

88, 23.227, 70.436

49, 38.806,
269.925

91, 25.597, 80.282

45, 43.926,
273.941

93, 28.191, 90.318

95, 31.492, 98.369

42, 49.095,
278.350

40, 54.179,

282.621

Harmonies

Complementary

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



66, 11.832, 256.831



68, 12.538, 71.455

Rectangle

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



66, 11.832, 256.831



66, 11.832, 306.831



66, 11.832, 76.831



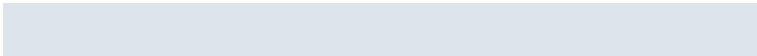
66, 11.832, 126.831

Sweetspot

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



66, 11.831, 256.825



90, 4.329, 254.780



70, 17.345, 161.017



48, 2.868, 254.854



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 11.831, 256.825



81, 17.798, 257.678



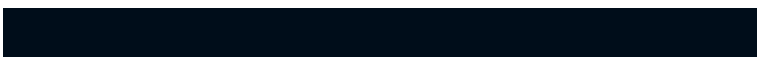
61, 20.502, 291.825



36, 3.265, 255.175



34, 47.314, 281.968



3, 8.697, 264.959

Inverse Universe

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



64, 17.721, 344.668



78, 26.848, 345.159



73, 19.594, 107.525



35, 4.800, 343.638



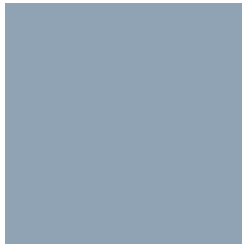
33, 58.108, 0.053



2, 10.689, 349.103

Previews

White Background



This preview shows how the CIELCh color 66, 11.832, 256.831 looks on a white background.

Color Contrast Check

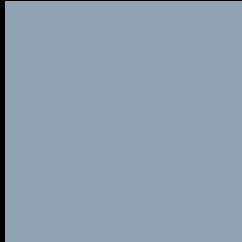
Large Text (above 18pt) WCAG AA × Fail

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, 11.832, 256.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

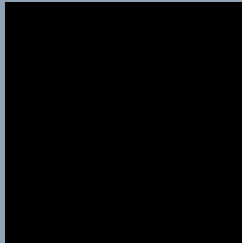
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

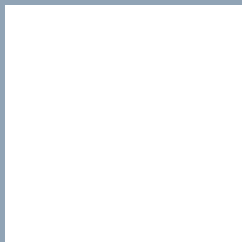
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.832, 256.831

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.832, 256.831.



This preview shows how white text looks on a background with the CIELCh color 66, 11.832, 256.831.

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

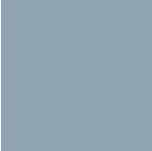
66, 11.832, 256.831

Protanopia

66, 10.540, 289.311

Deuteranopia

66, 14.858, 304.321



Tritanopia
66, 9.979, 245.425

Trichromacy



Original Color
66, 11.832, 256.831

Protanomaly
66, 10.774, 277.809

Deuteranomaly
66, 13.323, 290.031

Tritanomaly
66, 10.755, 249.881

Monochromacy



Original Color
66, 11.832, 256.831

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 4.629, 256.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.832, 256.831 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(144, 163, 181)` looks like.

```
.text, #text, p{  
    color:rgb(144, 163, 181)  
}
```

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(144, 163, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 163, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.832, 256.831 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(144, 163, 181) }
```

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

```
.border{ border-color:rgb(144, 163, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 163, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 163, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 163, 181);  
box-shadow:4px 4px 4px 4px rgb(144, 163,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.832, 256.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 163, 181) }
```

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

```
.background{ background-color: rgb(144,  
163, 181) }
```

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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