

Converting Colors

CIELCh(66, 20.941, 280.678)

Have a look what the booklet for
CIELCh(66, 20.941, 280.678)
contains.

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Color

CIELCh(66, 20.838, 280.144)

Conversions

Conversions Part 1

Format	Color
Hex	93A0C5
RGB	147, 160, 197
RGB Percent	58%, 63%, 77%
CMY	0.4239, 0.3730, 0.2279
CMYK	0.25, 0.19, 0.00, 0.23
HSL	224°, 30%, 67%
HSV	224°, 25%, 77%
XYZ	34.6310, 35.3238, 57.7488
YIQ	160.3310, -19.6250, 8.7510

Conversions

Conversions Part 2

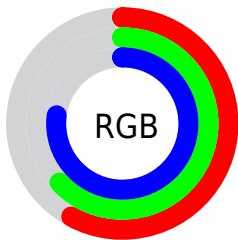
Format	Color
RYB	147, 157, 197
Decimal	9674949
CIELab	66.00, 3.67, -20.51
CIElCh	66, 20.838, 280.144
Yxy	35.3238, 0.2712, 0.2766
Android (android.graphics.Color)	4287865029 (0xFF93A0C5)
YUV	160.3310, 18.0778, -11.6913
Hunter-Lab	59.4338, -0.0006, -16.0053

Details

The CIELCh color `66, 20.838, 280.144` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 20.531, 93.466`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 20.789, 280.046`, and `46, 20.591, 279.335` is the 20% darker color. If you saturate the color by 10%, you get `61, 29.409, 281.984`, and if you desaturate by 10%, it is `71, 12.481, 278.569`.

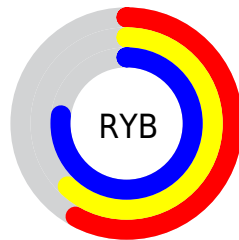
Distribution



Red (58%)

Green (63%)

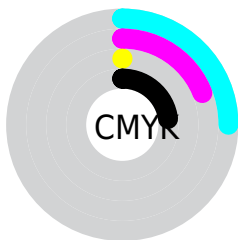
Blue (77%)



Red (58%)

Yellow (62%)

Blue (77%)

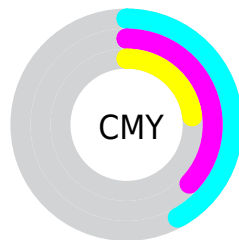


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (42%)


Magenta (37%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 20.838, 280.144 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, 20.838, 280.144 by changing the saturation by 10% instead.


 66, 20.838,
280.144


 66, 20.838,
280.144

 100, 20.838,
280.144


 56, 20.838,
280.144


 86, 20.838,
280.144

 46, 20.838,
280.144

 96, 20.838,
280.144

 36, 20.838,
280.144

 26, 20.838,
280.144

 16, 20.838,
280.144

 6, 20.838, 280.144

 0, 20.838, 280.144

66, 20.838,
280.144

66, 20.838,
280.144

61, 29.409,
281.984

71, 12.481,
278.569

55, 38.222,
284.131

77, 4.327, 277.244

82, 3.639, 95.982

50, 47.304,
286.612

87, 11.423, 95.009

45, 56.680,
289.429

92, 19.032, 94.137

40, 66.335,
292.531

97, 25.743,
101.673

36, 76.143,
295.793

99, 29.286,
107.952

32, 85.758,
298.999

30, 89.987,

Harmonies

Complementary

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



66, 20.838, 280.144



75, 20.531, 93.466

Rectangle

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



66, 20.838, 280.144



66, 20.838, 330.144



66, 20.838, 100.144



66, 20.838, 150.144

Sweetspot

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



66, 20.837, 280.142



95, 7.940, 277.579



76, 19.183, 175.895



50, 5.651, 277.776



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 20.837, 280.142



80, 30.561, 281.040



63, 28.350, 301.171



39, 4.606, 277.742



25, 77.249, 299.894



3, 17.692, 283.901

Inverse Universe

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



66, 20.803, 1.492



80, 30.588, 2.189



77, 26.870, 117.640



39, 4.530, 359.614



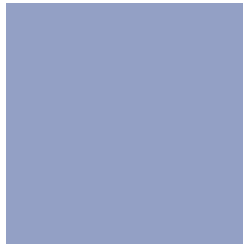
34, 63.882, 24.037



4, 16.369, 6.185

Previews

White Background



This preview shows how the CIELCh color 66, 20.838, 280.144 looks on a white background.

Color Contrast Check

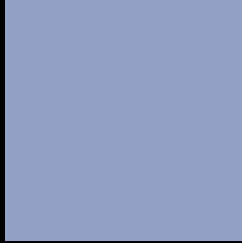
Large Text (above 18pt) WCAG AA × Fail

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, 20.838, 280.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

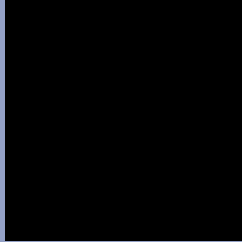
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.838, 280.144

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.838, 280.144.



This preview shows how white text looks on a background with the CIELCh color 66, 20.838, 280.144.

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

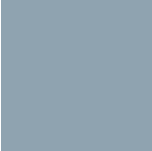
66, 20.838, 280.144

Protanopia

66, 20.589, 285.631

Deuteranopia

66, 22.755, 292.517



Tritanopia
66, 9.979, 245.425

Trichromacy



Original Color
66, 20.838, 280.144

Protanomaly
66, 20.661, 283.780

Deuteranomaly
66, 22.211, 288.080

Tritanomaly
66, 13.539, 263.833

Monochromacy



Original Color
66, 20.838, 280.144

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.402, 276.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.838, 280.144 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(147, 160, 197)` looks like.

```
.text, #text, p{  
    color:rgb(147, 160, 197)  
}
```

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(147, 160, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 160, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.838, 280.144 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(147, 160, 197) }
```

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

```
.border{ border-color:rgb(147, 160, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 160, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 160, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 160, 197);  
box-shadow:4px 4px 4px 4px rgb(147, 160,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.838, 280.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 160, 197) }
```

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

```
.background{ background-color: rgb(147,  
160, 197) }
```

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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