

Converting Colors

CIELCh(66, 26.317, 250.160)

Have a look what the booklet for
CIELCh(66, 26.317, 250.160)
contains.

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Color

CIELCh(66, 26.317, 250.160)

Conversions

Conversions Part 1

Format	Color
Hex	6DA7CC
RGB	109, 167, 204
RGB Percent	43%, 65%, 80%
CMY	0.5719, 0.3445, 0.1994
CMYK	0.47, 0.18, 0.00, 0.20
HSL	203°, 48%, 61%
HSV	203°, 47%, 80%
XYZ	31.0927, 35.3238, 62.4090
YIQ	153.8760, -46.4450, -0.7890

Conversions

Conversions Part 2

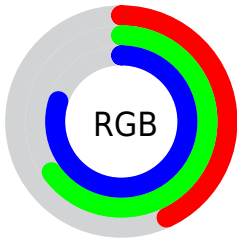
Format	Color
R _{YB}	109, 145, 204
Decimal	7186380
CIE _{Lab}	66.00, -8.93, -24.75
CIE _{LCh}	66, 26.317, 250.160
Y _{xy}	35.3238, 0.2414, 0.2742
Android (android.graphics.Color)	4285376460 (0xFF6DA7CC)
Y _{UV}	153.8760, 24.7111, -39.3563
Hunter-Lab	59.4338, -10.6273, -20.6543

Details

The CIELCh color **66, 26.317, 250.160** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **65, 33.217, 58.277**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.186, 244.673**, and **46, 26.510, 250.511** is the 20% darker color. If you saturate the color by 10%, you get **63, 31.139, 252.897**, and if you desaturate by 10%, it is **69, 21.152, 247.911**.

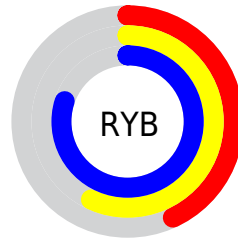
Distribution



Red (43%)

Green (65%)

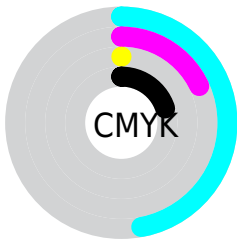
Blue (80%)



Red (43%)

Yellow (57%)

Blue (80%)

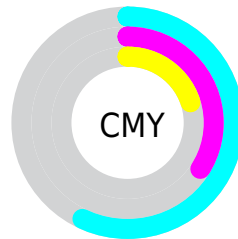


Cyan (47%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (57%)


Magenta (34%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.317, 250.160 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, 26.317, 250.160 by changing the saturation by 10% instead.


 66, 26.317,
250.160


 66, 26.317,
250.160


 100, 26.317,
250.160


 56, 26.317,
250.160


 86, 26.317,
250.160

 46, 26.317,
250.160

 96, 26.317,
250.160

 36, 26.317,
250.160

 26, 26.317,
250.160

 16, 26.317,
250.160

 6, 26.317, 250.160

 0, 26.317, 250.160

66, 26.317,
250.160

66, 26.317,
250.160

63, 31.139,
252.897

69, 21.152,
247.911

60, 35.617,
256.198

73, 15.678,
246.077

57, 39.790,
260.106

76, 9.939, 244.588

54, 43.752,
264.602

80, 3.986, 243.423

83, 2.134, 62.076

51, 47.653,
269.558

87, 8.378, 61.394

51, 49.051,
271.249

91, 14.709, 60.715

93, 16.499, 75.380

95, 18.719, 89.638

Harmonies

Complementary

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



66, 26.317, 250.160



65, 33.217, 58.277

Rectangle

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



66, 26.317, 250.160



66, 26.317, 300.160



66, 26.317, 70.160



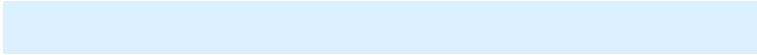
66, 26.317, 120.160

Sweetspot

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



66, 26.316, 250.159



94, 10.120, 244.284



75, 46.142, 153.377



49, 6.962, 244.567



0, 0.000, 0.000



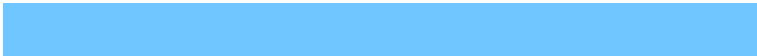
53, 0.007, 296.813

Same Dimension

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



66, 26.316, 250.159



77, 36.927, 252.957



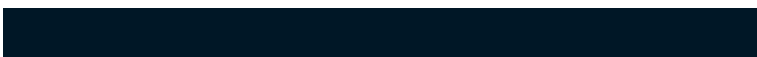
53, 48.457, 292.093



41, 3.446, 243.717



41, 41.531, 270.425



7, 13.190, 258.716

Inverse Universe

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



59, 47.028, 342.254



67, 66.328, 343.482



77, 44.079, 99.937



40, 5.732, 338.808



36, 63.698, 351.735



4, 21.266, 346.460

Previews

White Background



This preview shows how the CIELCh color 66, 26.317, 250.160 looks on a white background.

Color Contrast Check

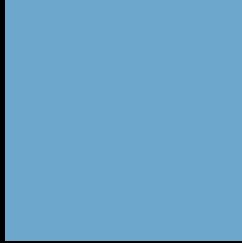
Large Text (above 18pt) WCAG AA × Fail

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, 26.317, 250.160 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, 26.317, 250.160

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.317, 250.160.

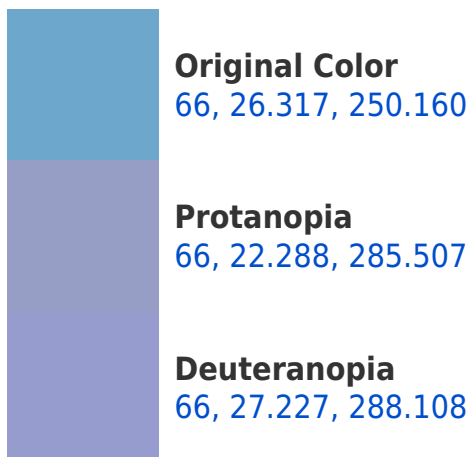



This preview shows how white text looks on a background with the CIELCh color 66, 26.317, 250.160.

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





Tritanopia
66, 22.509, 216.592

Trichromacy



Original Color
66, 26.317, 250.160

Protanomaly
66, 22.927, 270.666

Deuteranomaly
66, 25.467, 273.507

Tritanomaly
66, 22.958, 228.697

Monochromacy



Original Color
66, 26.317, 250.160

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.253, 244.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.317, 250.160 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(109, 167, 204)` looks like.

```
.text, #text, p{  
    color:rgb(109, 167, 204)  
}
```

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(109, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 167, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.317, 250.160 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(109, 167, 204) }
```

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

```
.border{ border-color:rgb(109, 167, 204) }
```

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

Here you see how a box with a 4 pixel rgb(109, 167, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(109, 167,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.317, 250.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 167, 204) }
```

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

```
.background{ background-color: rgb(109,  
167, 204) }
```

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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