

Converting Colors

CIELCh(60, 28.131, 256.241)

Have a look what the booklet for
CIELCh(60, 28.131, 256.241)
contains.

CIELCh(60, 28.204, 256.503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 28.204, 256.503)

Conversions

Conversions Part 1

Format	Color
Hex	5E96C0
RGB	94, 150, 192
RGB Percent	37%, 59%, 75%
CMY	0.6301, 0.4106, 0.2458
CMYK	0.51, 0.22, 0.00, 0.25
HSL	206°, 44%, 56%
HSV	206°, 51%, 75%
XYZ	25.1512, 28.1233, 54.1534
YIQ	138.0440, -46.8580, 1.1900

Conversions

Conversions Part 2

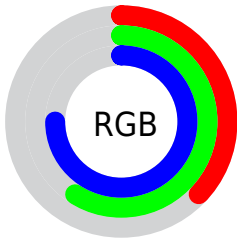
Format	Color
R_{YB}	94, 130, 192
Decimal	6198976
CIE _{Lab}	60.00, -6.58, -27.43
CIE _{LCh}	60, 28.204, 256.503
Yxy	28.1233, 0.2341, 0.2618
Android (android.graphics.Color)	4284389056 (0xFF5E96C0)
YUV	138.0440, 26.6003, -38.6266
Hunter-Lab	53.0314, -8.1480, -23.4223

Details

The CIELCh color **60, 28.204, 256.503** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **61, 35.102, 61.905**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 28.361, 257.042**, and **40, 28.219, 256.567** is the 20% darker color. If you saturate the color by 10%, you get **57, 33.060, 259.550**, and if you desaturate by 10%, it is **63, 23.096, 253.960**.

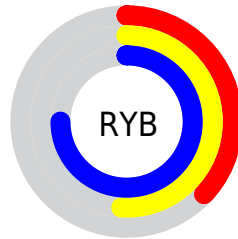
Distribution



Red (37%)

Green (59%)

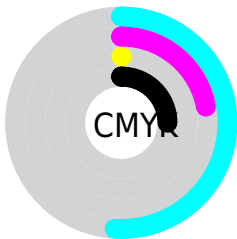
Blue (75%)



Red (37%)

Yellow (51%)

Blue (75%)

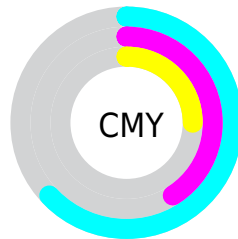


Cyan (51%)

Magenta (22%)

Yellow (0%)

Black (25%)



Cyan (63%)


Magenta (41%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 28.204, 256.503 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 60, 28.204, 256.503 by changing the saturation by 10% instead.

 60, 28.204,
256.503


 60, 28.204,
256.503


 100, 28.204,
256.503


 50, 28.204,
256.503


 80, 28.204,
256.503

 40, 28.204,
256.503

 90, 28.204,
256.503

 30, 28.204,
256.503

 20, 28.204,
256.503

 10, 28.204,
256.503

 0, 28.204, 256.503

 60, 28.204,

 60, 28.204,

256.503

■ 57, 33.060,
259.550

■ 54, 37.688,
263.152

■ 51, 42.153,
267.310

■ 48, 46.563,
271.948

■ 46, 50.647,
276.283

256.503

■ 63, 23.096,
253.960

■ 67, 17.748,
251.855

■ 70, 12.186,
250.119

■ 74, 6.449, 248.702

■ 77, 0.573, 248.150

■ 81, 5.404, 66.349

■ 85, 11.452, 65.539

■ 88, 17.544, 64.829

■ 91, 20.435, 73.748

Harmonies

Complementary

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



60, 28.204, 256.503



61, 35.102, 61.905

Rectangle

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



60, 28.204, 256.503



60, 28.204, 306.503



60, 28.204, 76.503



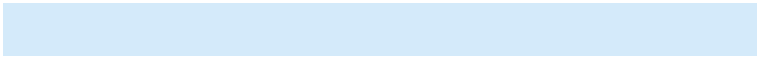
60, 28.204, 126.503

Sweetspot

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



60, 28.203, 256.503



92, 10.868, 249.271



71, 46.516, 154.277



48, 7.394, 249.575



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 28.203, 256.503



72, 40.839, 259.890



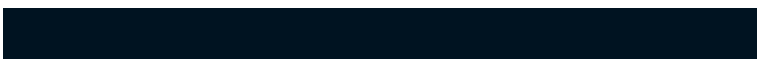
47, 53.033, 294.449



39, 3.364, 248.507



38, 43.815, 275.566



5, 11.873, 262.587

Inverse Universe

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



54, 47.574, 344.898



64, 68.425, 346.466



74, 47.097, 101.307



38, 5.345, 340.685



35, 61.246, 355.018



3, 16.535, 348.017

Previews

White Background



This preview shows how the CIELCh color 60, 28.204, 256.503 looks on a white background.

Color Contrast Check

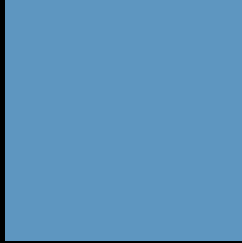
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 28.204, 256.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

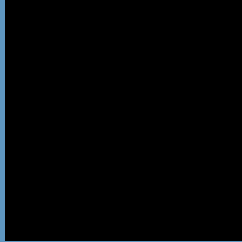
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

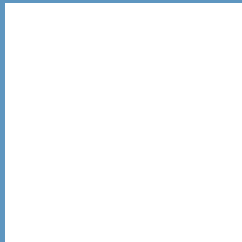
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 28.204, 256.503

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.204, 256.503.

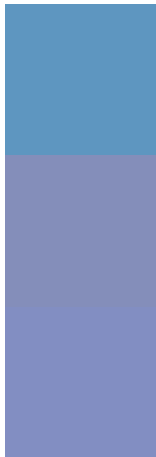


This preview shows how white text looks on a background with the CIELCh color 60, 28.204, 256.503.

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


60, 28.204, 256.503

Protanopia

60, 25.008, 285.265

Deuteranopia

60, 29.516, 285.850



Tritanopia
60, 22.605, 215.222

Trichromacy



Original Color
60, 28.204, 256.503

Protanomaly
60, 25.459, 272.905

Deuteranomaly
60, 28.147, 274.865

Tritanomaly
60, 23.159, 232.411

Monochromacy



Original Color
60, 28.204, 256.503

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.392, 252.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.204, 256.503 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(94, 150, 192)` looks like.

```
.text, #text, p{  
    color:rgb(94, 150, 192)  
}
```

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(94, 150, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 150, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.204, 256.503 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(94, 150, 192) }
```

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

```
.border{ border-color:rgb(94, 150, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 150, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 150, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 150, 192);  
box-shadow:4px 4px 4px 4px rgb(94, 150,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.204, 256.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 150, 192) }
```

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

```
.background{ background-color: rgb(94, 150,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor