

Converting Colors

CIELCh(60, 29.595, 270.000)

Have a look what the booklet for
CIELCh(60, 29.595, 270.000)
contains.

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Color

CIELCh(60, 29.466, 269.937)

Conversions

Conversions Part 1

Format	Color
Hex	6D93C4
RGB	109, 147, 196
RGB Percent	43%, 58%, 77%
CMY	0.5723, 0.4233, 0.2312
CMYK	0.44, 0.25, 0.00, 0.23
HSL	214°, 42%, 60%
HSV	214°, 44%, 77%
XYZ	26.7225, 28.1233, 56.2729
YIQ	141.2240, -38.3770, 7.1830

Conversions

Conversions Part 2

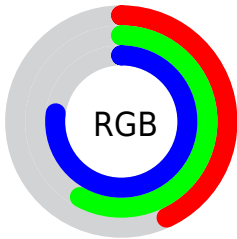
Format	Color
RYB	109, 135, 196
Decimal	7181252
CIELab	60.00, -0.03, -29.47
CIElCh	60, 29.466, 269.937
Yxy	28.1233, 0.2405, 0.2531
Android (android.graphics.Color)	4285371332 (0xFF6D93C4)
YUV	141.2240, 27.0046, -28.2604
Hunter-Lab	53.0314, -2.8592, -25.7920

Details

The CIELCh color **60, 29.466, 269.937** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68, 31.815, 76.111**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 29.487, 269.899**, and **40, 29.242, 269.684** is the 20% darker color. If you saturate the color by 10%, you get **56, 36.079, 272.670**, and if you desaturate by 10%, it is **64, 22.843, 267.607**.

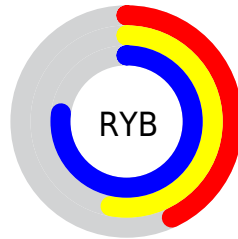
Distribution



Red (43%)

Green (58%)

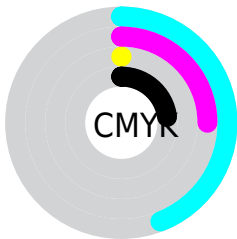
Blue (77%)



Red (43%)

Yellow (53%)

Blue (77%)

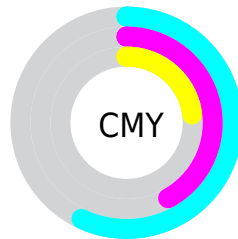


Cyan (44%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 29.466, 269.937 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, 29.466, 269.937 by changing the saturation by 10% instead.

■ 60, 29.466,
269.937

■ 60, 29.466,
269.937

■ 100, 29.466,
269.937

■ 50, 29.466,
269.937

■ 80, 29.466,
269.937

■ 40, 29.466,
269.937

■ 90, 29.466,
269.937

■ 30, 29.466,
269.937

■ 20, 29.466,
269.937

■ 10, 29.466,
269.937

■ 0, 29.466, 269.937

■ 60, 29.466,

■ 60, 29.466,

269.937

269.937

■ 56, 36.079,
272.670

■ 64, 22.843,
267.607

■ 52, 42.712,
275.840

■ 69, 16.206,
265.632

■ 48, 49.415,
279.441

■ 73, 9.558, 263.964

■ 44, 56.251,
283.406

■ 77, 2.912, 262.608

■ 82, 3.719, 81.191

■ 41, 63.269,
287.585

■ 86, 10.320, 80.190

■ 39, 67.313,
289.853

■ 90, 16.879, 79.287

■ 94, 21.525, 88.197

■ 97, 25.780,
100.919

Harmonies

Complementary

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



60, 29.466, 269.937



68, 31.815, 76.111

Rectangle

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



60, 29.466, 269.937



60, 29.466, 319.937



60, 29.466, 89.937



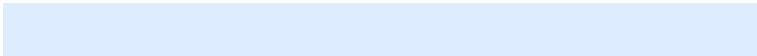
60, 29.466, 139.937

Sweetspot

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



60, 29.465, 269.937



93, 10.700, 263.787



73, 37.189, 161.854



48, 7.488, 264.129



0, 0.000, 0.000



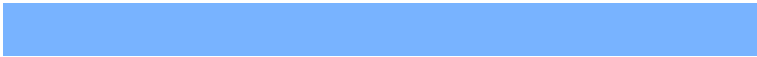
53, 0.007, 296.813

Same Dimension

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



60, 29.465, 269.937



72, 43.534, 272.510



50, 50.861, 297.703



39, 3.734, 263.235



32, 57.183, 289.198



4, 13.695, 274.135

Inverse Universe

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



57, 39.505, 352.125



68, 57.811, 353.697



77, 45.255, 108.267



38, 4.886, 347.977



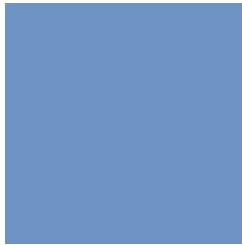
34, 59.768, 7.523



3, 15.336, 356.065

Previews

White Background



This preview shows how the CIELCh color 60, 29.466, 269.937 looks on a white background.

Color Contrast Check

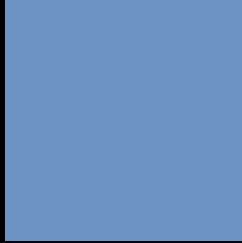
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.466, 269.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

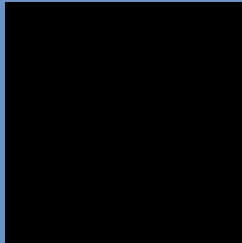
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

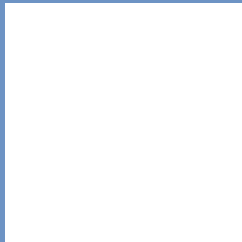
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 29.466, 269.937

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.466, 269.937.

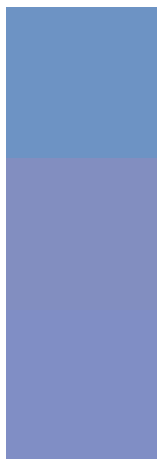


This preview shows how white text looks on a background with the CIELCh color 60, 29.466, 269.937.

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, 29.466, 269.937

Protanopia

60, 28.407, 285.384

Deuteranopia

60, 31.244, 285.375



Tritanopia
60, 18.622, 219.488

Trichromacy



Original Color
60, 29.466, 269.937

Protanomaly
60, 28.284, 278.846

Deuteranomaly
60, 30.498, 279.756

Tritanomaly
60, 20.474, 242.352

Monochromacy



Original Color
60, 29.466, 269.937

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 11.248, 264.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.466, 269.937 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, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(109, 147, 196)  
}
```

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, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 147, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.466, 269.937 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, 147, 196) }
```

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

```
.border{ border-color:rgb(109, 147, 196) }
```

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

Here you see how a box with a 4 pixel rgb(109, 147, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 147, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 147, 196);  
box-shadow:4px 4px 4px 4px rgb(109, 147,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.466, 269.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 147, 196) }
```

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

```
.background{ background-color: rgb(109,  
147, 196) }
```

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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