

Converting Colors

CIELCh(60, 34.451, 246.461)

Have a look what the booklet for
CIELCh(60, 34.451, 246.461)
contains.

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Color

CIELCh(60, 34.692, 247.041)

Conversions

Conversions Part 1

Format	Color
Hex	369AC8
RGB	54, 154, 200
RGB Percent	21%, 60%, 78%
CMY	0.7874, 0.3955, 0.2151
CMYK	0.73, 0.23, 0.00, 0.22
HSL	199°, 57%, 50%
HSV	199°, 73%, 78%
XYZ	23.5527, 28.1233, 58.9196
YIQ	129.3440, -74.3660, -6.8940

Conversions

Conversions Part 2

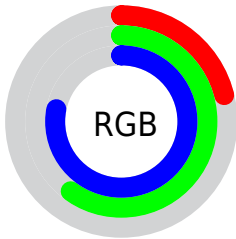
Format	Color
RYB	54, 113, 200
Decimal	3578568
CIELab	60.00, -13.53, -31.94
CIElCh	60, 34.692, 247.041
Yxy	28.1233, 0.2130, 0.2543
Android (android.graphics.Color)	4281768648 (0xFF369AC8)
YUV	129.3440, 34.8334, -66.0767
Hunter-Lab	53.0314, -13.5283, -28.7510

Details

The CIELCh color **60, 34.692, 247.041** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **54, 56.667, 49.968**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 34.177, 245.840**, and **41, 31.780, 254.056** is the 20% darker color. If you saturate the color by 10%, you get **58, 37.598, 251.045**, and if you desaturate by 10%, it is **62, 31.335, 243.708**.

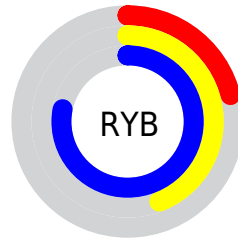
Distribution



Red (21%)

Green (60%)

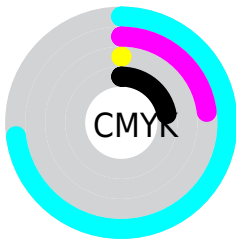
Blue (78%)



Red (21%)

Yellow (44%)

Blue (78%)

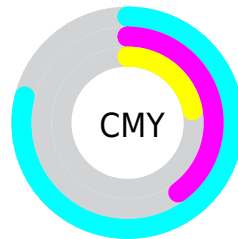


Cyan (73%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (79%)


Magenta (40%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.692, 247.041 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, 34.692, 247.041 by changing the saturation by 10% instead.


 60, 34.692,
247.041


 60, 34.692,
247.041


 100, 34.692,
247.041


 50, 34.692,
247.041


 80, 34.692,
247.041

 40, 34.692,
247.041

 90, 34.692,
247.041

 30, 34.692,
247.041

 20, 34.692,
247.041

 10, 34.692,
247.041

 0, 34.692, 247.041

 60, 34.692,

 60, 34.692,

247.041

247.041

■ 58, 37.598,
251.045

■ 62, 31.335,
243.708

■ 56, 40.178,
255.705

■ 65, 27.479,
240.991

■ 54, 41.955,
259.216

■ 68, 23.124,
238.806

■ 71, 18.310,
237.064

■ 74, 13.098,
235.685

■ 77, 7.553, 234.609

■ 80, 1.740, 233.953

■ 83, 4.281, 52.854

■ 86, 10.459, 52.367

Harmonies

Complementary

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



60, 34.692, 247.041



54, 56.667, 49.968

Rectangle

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



60, 34.692, 247.041



60, 34.692, 297.041



60, 34.692, 67.041



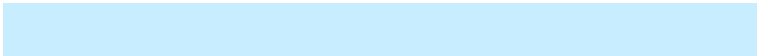
60, 34.692, 117.041

Sweetspot

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



60, 34.691, 247.041



92, 15.330, 235.612



72, 71.870, 146.094



48, 10.229, 235.954



0, 0.000, 0.000



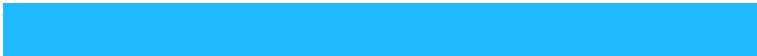
53, 0.007, 296.813

Same Dimension

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



60, 34.691, 247.041



71, 46.808, 253.451



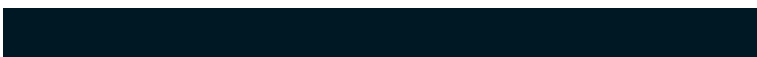
40, 70.445, 294.913



40, 3.324, 234.300



44, 35.778, 258.384



7, 11.497, 247.352

Inverse Universe

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



49, 69.301, 341.487



58, 90.105, 343.848



71, 60.709, 91.577



39, 5.918, 335.521



36, 65.595, 345.805



4, 20.303, 341.517

Previews

White Background



This preview shows how the CIE LCh color 60, 34.692, 247.041 looks on a white background.

Color Contrast Check

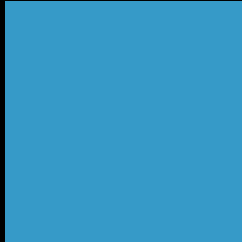
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 34.692, 247.041 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, 34.692, 247.041

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.692, 247.041.

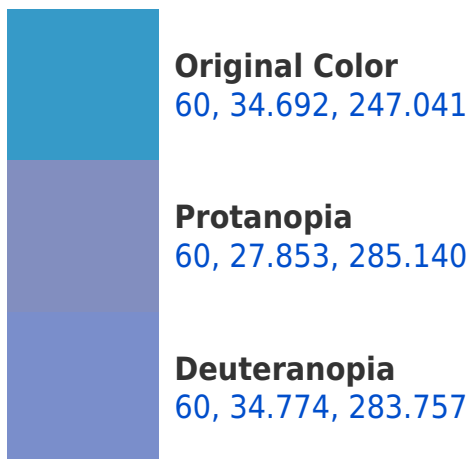


This preview shows how white text looks on a background with the CIELCh color 60, 34.692, 247.041.

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
60, 32.398, 210.069

Trichromacy



Original Color
60, 34.692, 247.041

Protanomaly
59, 29.590, 266.503

Deuteranomaly
59, 33.943, 269.024

Tritanomaly
60, 31.802, 223.875

Monochromacy



Original Color
60, 34.692, 247.041

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 15.667, 237.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.692, 247.041 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(54, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(54, 154, 200)  
}
```

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(54, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 154, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.692, 247.041 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(54, 154, 200) }
```

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

```
.border{ border-color:rgb(54, 154, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 154, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(54, 154,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.692, 247.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 154, 200) }
```

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

```
.background{ background-color: rgb(54, 154,  
200) }
```

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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