

Converting Colors

CIELCh(60, 36.527, 250.829)

Have a look what the booklet for
CIELCh(60, 36.527, 250.829)
contains.

CIELCh(60, 36.548, 250.695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 36.548, 250.695)

Conversions

Conversions Part 1

Format	Color
Hex	349ACD
RGB	52, 154, 205
RGB Percent	20%, 60%, 80%
CMY	0.7978, 0.3972, 0.1973
CMYK	0.75, 0.25, 0.00, 0.20
HSL	200°, 60%, 50%
HSV	200°, 75%, 80%
XYZ	23.8804, 28.1233, 61.7277
YIQ	129.3160, -77.1630, -5.7630

Conversions

Conversions Part 2

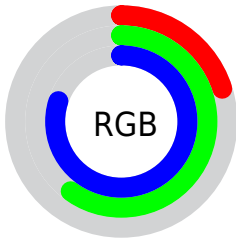
Format	Color
R_{YB}	52, 113, 205
Decimal	3447501
CIE _{Lab}	60.00, -12.08, -34.49
CIE _{LCh}	60, 36.548, 250.695
Yxy	28.1233, 0.2100, 0.2473
Android (android.graphics.Color)	4281637581 (0xFF349ACD)
YUV	129.3160, 37.3122, -67.8061
Hunter-Lab	53.0314, -12.4254, -31.8906

Details

The CIELCh color **60, 36.548, 250.695** 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 **55, 59.076, 51.304**, 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, 33.827, 258.492** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.673, 254.942**, and if you desaturate by 10%, it is **63, 33.032, 247.114**.

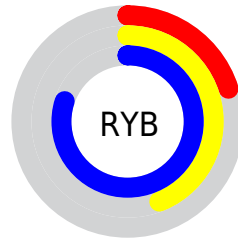
Distribution



Red (20%)

Green (60%)

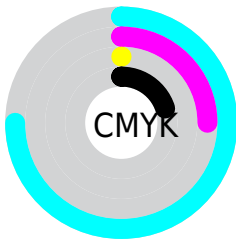
Blue (80%)



Red (20%)

Yellow (44%)

Blue (80%)

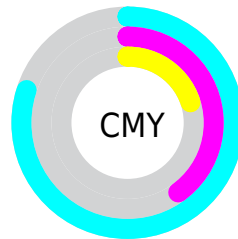


Cyan (75%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (80%)


Magenta (40%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.548, 250.695 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, 36.548, 250.695 by changing the saturation by 10% instead.


 60, 36.548,
250.695


 60, 36.548,
250.695


 100, 36.548,
250.695


 50, 36.548,
250.695


 80, 36.548,
250.695

 40, 36.548,
250.695

 90, 36.548,
250.695


 30, 36.548,
250.695

 20, 36.548,
250.695

 10, 36.548,
250.695

 0, 36.548, 250.695

 60, 36.548,

 60, 36.548,

250.695

■ 58, 39.673,
254.942

■ 55, 42.552,
259.801

■ 54, 44.054,
262.392

250.695

■ 63, 33.032,
247.114

■ 65, 29.057,
244.163

■ 68, 24.607,
241.770

■ 71, 19.712,
239.846

■ 74, 14.423,
238.310

■ 77, 8.804, 237.095

■ 81, 2.917, 236.218

■ 84, 3.179, 55.095

■ 87, 9.433, 54.556

Harmonies

Complementary

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



60, 36.548, 250.695



55, 59.076, 51.304

Rectangle

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



60, 36.548, 250.695



60, 36.548, 300.695



60, 36.548, 70.695



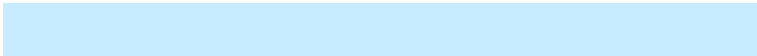
60, 36.548, 120.695

Sweetspot

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



60, 36.547, 250.695



91, 15.376, 237.974



73, 73.650, 146.348



48, 10.264, 238.340



0, 0.000, 0.000



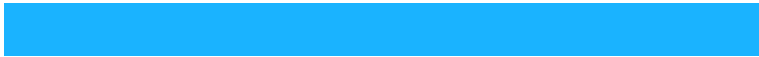
53, 0.007, 296.813

Same Dimension

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



60, 36.547, 250.695



69, 48.994, 257.959



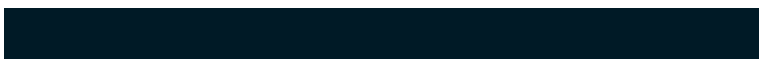
39, 75.487, 296.287



41, 3.398, 236.562



44, 37.325, 261.542



8, 12.409, 249.946

Inverse Universe

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



49, 70.799, 342.781



57, 89.729, 345.629



73, 63.701, 92.513



40, 5.967, 336.273



36, 65.636, 347.175



4, 22.160, 342.788

Previews

White Background



This preview shows how the CIELCh color 60, 36.548, 250.695 looks on a white background.

Color Contrast Check

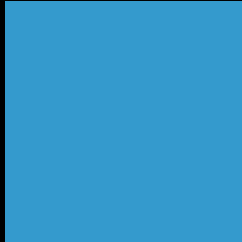
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.548, 250.695 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, 36.548, 250.695

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.548, 250.695.

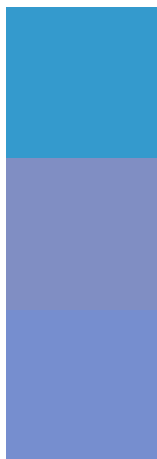


This preview shows how white text looks on a background with the CIELCh color 60, 36.548, 250.695.

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

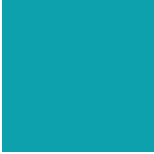
60, 36.548, 250.695

Protanopia

60, 30.139, 284.898

Deuteranopia

60, 37.126, 283.000



Tritanopia
60, 33.634, 209.475

Trichromacy



Original Color
60, 36.548, 250.695

Protanomaly
59, 32.210, 268.586

Deuteranomaly
59, 36.153, 269.991

Tritanomaly
60, 33.145, 224.858

Monochromacy



Original Color
60, 36.548, 250.695

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 16.301, 240.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.548, 250.695 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(52, 154, 205)` looks like.

```
.text, #text, p{  
    color:rgb(52, 154, 205)  
}
```

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(52, 154, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 154, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.548, 250.695 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(52, 154, 205) }
```

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

```
.border{ border-color:rgb(52, 154, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 154, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 154, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 154, 205);  
box-shadow:4px 4px 4px 4px rgb(52, 154,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.548, 250.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 154, 205) }
```

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

```
.background{ background-color: rgb(52, 154,  
205) }
```

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