

Converting Colors

CIELCh(60, 35.487, 253.021)

Have a look what the booklet for
CIELCh(60, 35.487, 253.021)
contains.

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Color

CIELCh(60, 35.526, 253.039)

Conversions

Conversions Part 1

Format	Color
Hex	3F99CC
RGB	63, 153, 204
RGB Percent	25%, 60%, 80%
CMY	0.7539, 0.4007, 0.2007
CMYK	0.69, 0.25, 0.00, 0.20
HSL	202°, 58%, 52%
HSV	202°, 69%, 80%
XYZ	24.2728, 28.1233, 61.1564
YIQ	131.9040, -70.0110, -3.2190

Conversions

Conversions Part 2

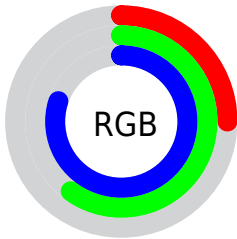
Format	Color
R_{YB}	63, 118, 204
Decimal	4168140
CIE _{Lab}	60.00, -10.36, -33.98
CIE _{LCh}	60, 35.526, 253.039
Yxy	28.1233, 0.2138, 0.2477
Android (android.graphics.Color)	4282358220 (0xFF3F99CC)
YUV	131.9040, 35.5433, -60.4288
Hunter-Lab	53.0314, -11.1044, -31.2519

Details

The CIELCh color **60, 35.526, 253.039** 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 **57, 53.161, 53.980**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 33.363, 248.940**, and **41, 33.771, 258.836** is the 20% darker color. If you saturate the color by 10%, you get **57, 39.224, 257.037**, and if you desaturate by 10%, it is **63, 31.467, 249.677**.

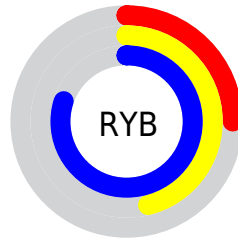
Distribution



Red (25%)

Green (60%)

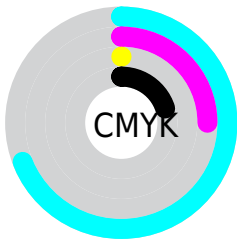
Blue (80%)



Red (25%)

Yellow (46%)

Blue (80%)

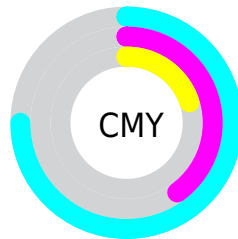


Cyan (69%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (75%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 35.526, 253.039 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, 35.526, 253.039 by changing the saturation by 10% instead.

■ 60, 35.526,
253.039

■ 60, 35.526,
253.039

■ 100, 35.526,
253.039

■ 50, 35.526,
253.039

■ 80, 35.526,
253.039

■ 40, 35.526,
253.039

■ 90, 35.526,
253.039

■ 30, 35.526,
253.039

■ 20, 35.526,
253.039

■ 10, 35.526,
253.039

■ 0, 35.526, 253.039

■ 60, 35.526,

■ 60, 35.526,

253.039

253.039

■ 57, 39.224,
257.037

■ 63, 31.467,
249.677

■ 55, 42.670,
261.650

■ 66, 27.004,
246.903

■ 52, 46.055,
266.665

■ 69, 22.138,
244.643

■ 52, 46.335,
267.052

■ 72, 16.903,
242.814

■ 75, 11.351,
241.341

■ 79, 5.539, 240.180

■ 82, 0.481, 58.122

■ 86, 6.658, 58.240

■ 89, 12.949, 57.615

Harmonies

Complementary

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



60, 35.526, 253.039



57, 53.161, 53.980

Rectangle

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



60, 35.526, 253.039



60, 35.526, 303.039



60, 35.526, 73.039



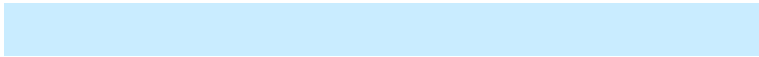
60, 35.526, 123.039

Sweetspot

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



60, 35.525, 253.039



91, 14.829, 241.620



73, 67.187, 148.605



48, 9.979, 242.018



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, 35.525, 253.039



69, 48.458, 259.218



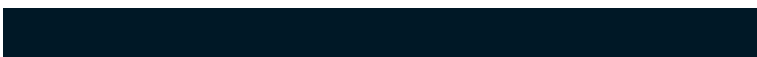
41, 72.007, 296.177



41, 3.415, 240.199



43, 39.334, 266.221



7, 12.774, 254.595

Inverse Universe

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



50, 66.199, 343.618



58, 86.547, 346.164



74, 61.187, 95.437



40, 5.847, 337.527



36, 64.599, 349.429



4, 21.691, 344.637

Previews

White Background



This preview shows how the CIE LCh color 60, 35.526, 253.039 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, 35.526, 253.039 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

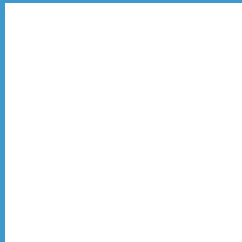
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 35.526, 253.039

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.526, 253.039.

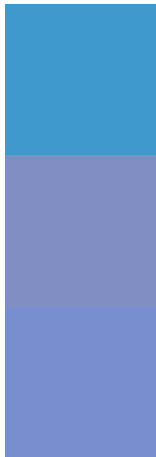


This preview shows how white text looks on a background with the CIELCh color 60, 35.526, 253.039.

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, 35.526, 253.039

Protanopia

60, 30.139, 284.898

Deuteranopia

60, 36.496, 283.606



Tritanopia
60, 31.318, 210.615

Trichromacy



Original Color
60, 35.526, 253.039

Protanomaly
60, 31.354, 269.764

Deuteranomaly
60, 35.262, 271.298

Tritanomaly
60, 31.021, 227.116

Monochromacy



Original Color
60, 35.526, 253.039

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 15.040, 242.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.526, 253.039 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(63, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 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(63, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.526, 253.039 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(63, 153, 204) }
```

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

```
.border{ border-color:rgb(63, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.526, 253.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 153, 204) }
```

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

```
.background{ background-color: rgb(63, 153,  
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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