

Converting Colors

CIELCh(64, 34.658, 238.736)

Have a look what the booklet for
CIELCh(64, 34.658, 238.736)
contains.

CIELCh(64, 34.591, 238.251)	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(64, 34.591, 238.251)

Conversions

Conversions Part 1

Format	Color
Hex	36A7CF
RGB	54, 167, 207
RGB Percent	21%, 65%, 81%
CMY	0.7898, 0.3462, 0.1893
CMYK	0.74, 0.19, 0.00, 0.19
HSL	196°, 61%, 51%
HSV	196°, 74%, 81%
XYZ	26.4960, 32.8017, 63.7845
YIQ	137.7730, -80.1880, -11.5160

Conversions

Conversions Part 2

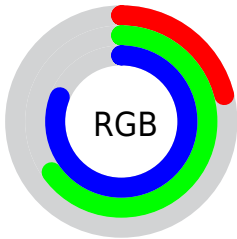
Format	Color
RYB	54, 119, 207
Decimal	3581903
CIELab	64.00, -18.20, -29.41
CIELCh	64, 34.591, 238.251
Yxy	32.8017, 0.2153, 0.2665
Android (android.graphics.Color)	4281771983 (0xFF36A7CF)
YUV	137.7730, 34.1289, -73.4689
Hunter-Lab	57.2727, -17.6482, -25.9402

Details

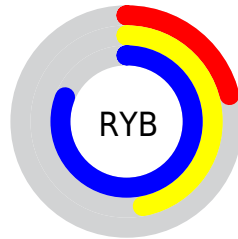
The CIELCh color **64, 34.591, 238.251** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **53, 60.785, 45.889**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 32.569, 230.453**, and **45, 31.070, 245.160** is the 20% darker color. If you saturate the color by 10%, you get **62, 36.877, 241.872**, and if you desaturate by 10%, it is **66, 31.704, 235.300**.

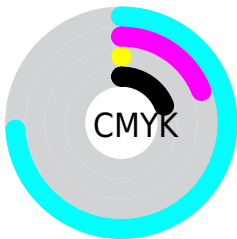
Distribution



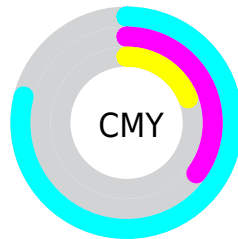
- Red (21%)
- Green (65%)
- Blue (81%)



- Red (21%)
- Yellow (47%)
- Blue (81%)



- Cyan (74%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)





- Cyan (79%)
- Magenta (35%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 34.591, 238.251 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 64, 34.591, 238.251 by changing the saturation by 10% instead.


 64, 34.591,
238.251


 64, 34.591,
238.251


 100, 34.591,
238.251


 54, 34.591,
238.251


 84, 34.591,
238.251

 44, 34.591,
238.251

 94, 34.591,
238.251

 34, 34.591,
238.251

 24, 34.591,
238.251

 14, 34.591,
238.251

 4, 34.591, 238.251

 0, 34.591, 238.251

■ 64, 34.591,
238.251

■ 64, 34.591,
238.251

■ 62, 36.877,
241.872

■ 66, 31.704,
235.300

■ 60, 38.684,
246.185

■ 68, 28.177,
232.943

■ 59, 39.665,
248.934

■ 71, 24.025,
231.088

■ 73, 19.304,
229.645

■ 76, 14.089,
228.536

■ 79, 8.464, 227.704

■ 82, 2.506, 227.202

■ 85, 3.710, 46.352

Harmonies

Complementary

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



64, 34.591, 238.251



53, 60.785, 45.889

Rectangle

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



64, 34.591, 238.251



64, 34.591, 288.251



64, 34.591, 58.251



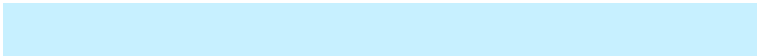
64, 34.591, 108.251

Sweetspot

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



64, 34.590, 238.251



93, 15.350, 228.367



74, 77.554, 144.153



48, 10.230, 228.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 34.590, 238.251



74, 44.527, 244.384



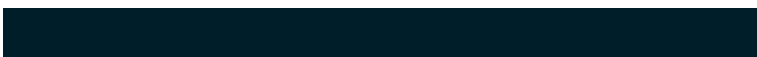
43, 68.683, 292.740



43, 3.484, 227.408



49, 33.882, 248.170



10, 12.370, 237.547

Inverse Universe

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



50, 74.212, 338.731



58, 93.712, 340.736



71, 61.174, 87.654



41, 6.410, 333.347



38, 69.471, 341.995



5, 25.431, 338.759

Previews

White Background



This preview shows how the CIE LCh color 64, 34.591, 238.251 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 34.591, 238.251 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 ✓ Pass

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

CIELCh 64, 34.591, 238.251

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.591, 238.251.

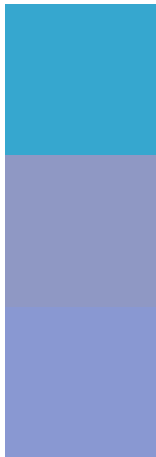


This preview shows how white text looks on a background with the CIELCh color 64, 34.591, 238.251.

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

64, 34.591, 238.251

Protanopia

64, 24.677, 285.785

Deuteranopia

64, 32.553, 285.205



Tritanopia
64, 34.102, 210.204

Trichromacy



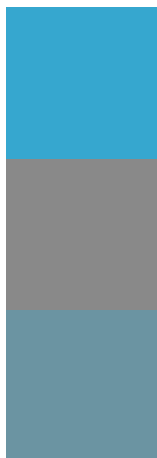
Original Color
64, 34.591, 238.251

Protanomaly
63, 27.368, 260.978

Deuteranomaly
63, 31.839, 265.655

Tritanomaly
64, 33.464, 220.965

Monochromacy



Original Color
64, 34.591, 238.251

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 15.823, 228.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.591, 238.251 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, 167, 207)` looks like.

```
.text, #text, p{  
    color:rgb(54, 167, 207)  
}
```

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, 167, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 167, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.591, 238.251 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, 167, 207) }
```

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

```
.border{ border-color:rgb(54, 167, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 167, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 167, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 167, 207);  
box-shadow:4px 4px 4px 4px rgb(54, 167,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.591, 238.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 167, 207) }
```

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

```
.background{ background-color: rgb(54, 167,  
207) }
```

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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