

Converting Colors

CIELCh(63, 35.780, 244.443)

Have a look what the booklet for
CIELCh(63, 35.780, 244.443)
contains.

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Color

CIELCh(63, 35.725, 244.470)

Conversions

Conversions Part 1

Format	Color
Hex	36A3D1
RGB	54, 163, 209
RGB Percent	21%, 64%, 82%
CMY	0.7881, 0.3607, 0.1803
CMYK	0.74, 0.22, 0.00, 0.18
HSL	198°, 63%, 52%
HSV	198°, 74%, 82%
XYZ	26.1313, 31.5869, 65.0481
YIQ	135.6530, -79.7300, -8.8020

Conversions

Conversions Part 2

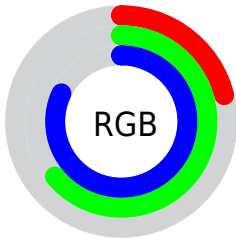
Format	Color
RYB	54, 118, 209
Decimal	3580881
CIELab	63.00, -15.40, -32.24
CIELCh	63, 35.725, 244.470
Yxy	31.5869, 0.2129, 0.2573
Android (android.graphics.Color)	4281770961 (0xFF36A3D1)
YUV	135.6530, 36.1601, -71.6097
Hunter-Lab	56.2022, -15.3602, -29.2802

Details

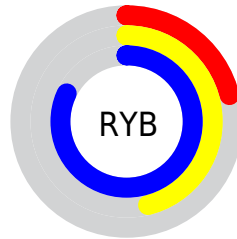
The CIELCh color **63, 35.725, 244.470** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **55, 60.396, 48.514**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 32.696, 235.078**, and **44, 32.400, 251.377** is the 20% darker color. If you saturate the color by 10%, you get **61, 38.435, 248.449**, and if you desaturate by 10%, it is **65, 32.508, 241.174**.

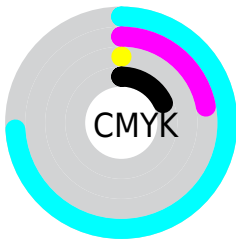
Distribution



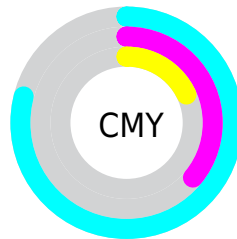
- Red (21%)
- Green (64%)
- Blue (82%)



- Red (21%)
- Yellow (46%)
- Blue (82%)



- Cyan (74%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)





- Cyan (79%)
- Magenta (36%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 35.725, 244.470 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 63, 35.725, 244.470 by changing the saturation by 10% instead.


 63, 35.725,
244.470


 63, 35.725,
244.470


 100, 35.725,
244.470


 53, 35.725,
244.470


 83, 35.725,
244.470

 43, 35.725,
244.470

 93, 35.725,
244.470

 33, 35.725,
244.470

 23, 35.725,
244.470

 13, 35.725,
244.470

 3, 35.725, 244.470

 0, 35.725, 244.470

63, 35.725,
244.470

63, 35.725,
244.470

61, 38.435,
248.449

65, 32.508,
241.174

59, 40.774,
253.100

68, 28.729,
238.503

58, 42.098,
255.976

71, 24.390,
236.368

73, 19.535,
234.679

76, 14.229,
233.353

79, 8.547, 232.328

83, 2.562, 231.649

86, 3.662, 50.656

Harmonies

Complementary

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



63, 35.725, 244.470



55, 60.396, 48.514

Rectangle

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



63, 35.725, 244.470



63, 35.725, 294.470



63, 35.725, 64.470



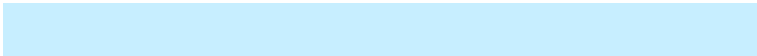
63, 35.725, 114.470

Sweetspot

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



63, 35.724, 244.470



92, 15.310, 233.137



74, 76.356, 145.255



48, 10.211, 233.453



0, 0.000, 0.000



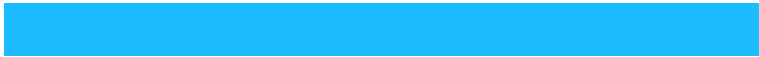
53, 0.007, 296.813

Same Dimension

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



63, 35.724, 244.470



72, 46.288, 251.103



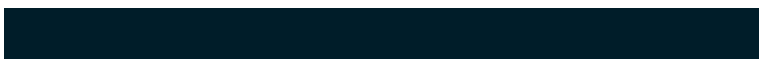
42, 72.708, 294.526



42, 3.464, 231.943



47, 35.580, 255.133



9, 12.651, 243.673

Inverse Universe

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



51, 73.221, 340.651



58, 91.566, 342.992



73, 62.997, 90.169



41, 6.249, 334.763



37, 67.849, 344.500



5, 24.760, 340.747

Previews

White Background



This preview shows how the CIE LCh color 63, 35.725, 244.470 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 63, 35.725, 244.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

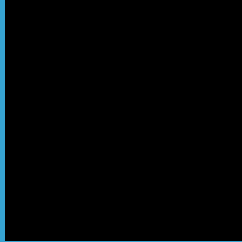
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 35.725, 244.470

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.725, 244.470.

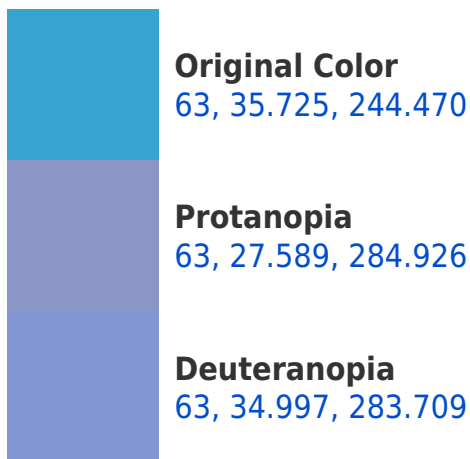


This preview shows how white text looks on a background with the CIELCh color 63, 35.725, 244.470.

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
63, 34.067, 210.238

Trichromacy



Original Color
63, 35.725, 244.470

Protanomaly
62, 29.806, 264.134

Deuteranomaly
62, 34.064, 266.902

Tritanomaly
63, 33.524, 223.165

Monochromacy



Original Color
63, 35.725, 244.470

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 16.330, 234.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.725, 244.470 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, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(54, 163, 209)  
}
```

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, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 163, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.725, 244.470 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, 163, 209) }
```

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

```
.border{ border-color:rgb(54, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(54, 163, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(54, 163, 209); box-shadow:4px 4px 4px 4px rgb(54, 163, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.725, 244.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 163, 209) }
```

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

```
.background{ background-color: rgb(54, 163,  
209) }
```

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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