

Converting Colors

CIELCh(63, 34.705, 248.688)

Have a look what the booklet for
CIELCh(63, 34.705, 248.688)
contains.

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Color

CIELCh(63, 34.588, 248.095)

Conversions

Conversions Part 1

Format	Color
Hex	44A2D1
RGB	68, 162, 209
RGB Percent	27%, 64%, 82%
CMY	0.7343, 0.3654, 0.1812
CMYK	0.68, 0.23, 0.00, 0.18
HSL	200°, 60%, 54%
HSV	200°, 68%, 82%
XYZ	26.7371, 31.5869, 64.8792
YIQ	139.2520, -71.1110, -5.3110

Conversions

Conversions Part 2

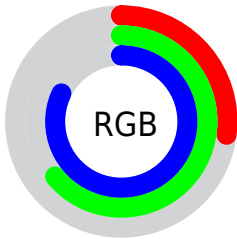
Format	Color
R _Y B	68, 124, 209
Decimal	4498129
CIE Lab	63.00, -12.90, -32.09
CIE LCh	63, 34.588, 248.095
Yxy	31.5869, 0.2170, 0.2564
Android (android.graphics.Color)	4282688209 (0xFF44A2D1)
YUV	139.2520, 34.3858, -62.4880
Hunter-Lab	56.2022, -13.4362, -29.1021

Details

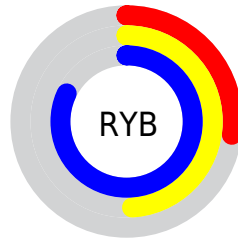
The CIELCh color **63, 34.588, 248.095** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **58, 53.188, 51.604**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 31.057, 238.833**, and **43, 32.691, 252.633** is the 20% darker color. If you saturate the color by 10%, you get **60, 38.040, 251.870**, and if you desaturate by 10%, it is **66, 30.680, 244.968**.

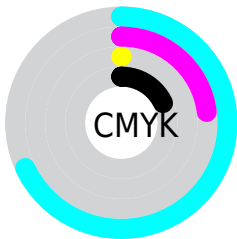
Distribution



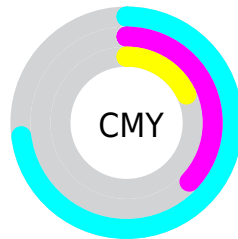
- Red (27%)
- Green (64%)
- Blue (82%)



- Red (27%)
- Yellow (49%)
- Blue (82%)



- Cyan (68%)
- Magenta (23%)
- Yellow (0%)
- Black (18%)





- Cyan (73%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 34.588, 248.095 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, 34.588, 248.095 by changing the saturation by 10% instead.


 63, 34.588,
248.095


 63, 34.588,
248.095


 100, 34.588,
248.095


 53, 34.588,
248.095


 83, 34.588,
248.095

 43, 34.588,
248.095

 93, 34.588,
248.095

 33, 34.588,
248.095

 23, 34.588,
248.095

 13, 34.588,
248.095

 3, 34.588, 248.095

 0, 34.588, 248.095

63, 34.588,
248.095

63, 34.588,
248.095

60, 38.040,
251.870

66, 30.680,
244.968

58, 41.132,
256.308

69, 26.289,
242.423

56, 44.036,
261.293

72, 21.434,
240.373

55, 44.770,
262.505

75, 16.163,
238.734

78, 10.538,
237.432

81, 4.623, 236.438

85, 1.519, 55.150

88, 7.836, 54.735

Harmonies

Complementary

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



63, 34.588, 248.095



58, 53.188, 51.604

Rectangle

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



63, 34.588, 248.095



63, 34.588, 298.095



63, 34.588, 68.095



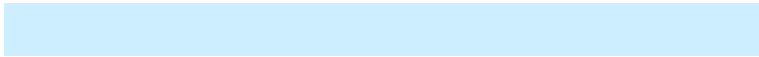
63, 34.588, 118.095

Sweetspot

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



63, 34.587, 248.095



92, 14.043, 237.752



75, 69.020, 147.583



48, 9.519, 238.113



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, 34.587, 248.095



72, 45.848, 253.737



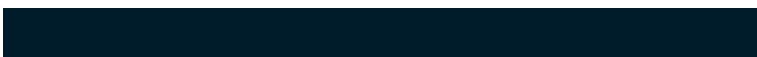
44, 68.483, 294.218



42, 3.467, 236.596



45, 37.790, 261.651



9, 13.062, 249.826

Inverse Universe

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



52, 67.528, 341.797



59, 87.207, 343.942



75, 59.719, 93.395



41, 6.089, 336.285



37, 66.356, 347.224



5, 24.113, 342.919

Previews

White Background



This preview shows how the CIELCh color 63, 34.588, 248.095 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 CIE LCh color 63, 34.588, 248.095 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, 34.588, 248.095

Background



This preview shows how black text looks on a background with the CIELCh color 63, 34.588, 248.095.

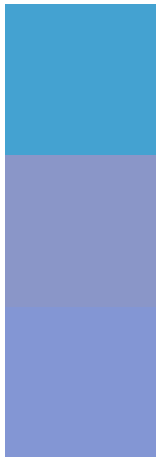


This preview shows how white text looks on a background with the CIELCh color 63, 34.588, 248.095.

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

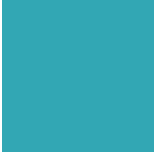
63, 34.588, 248.095

Protanopia

63, 28.138, 285.168

Deuteranopia

63, 34.957, 284.183

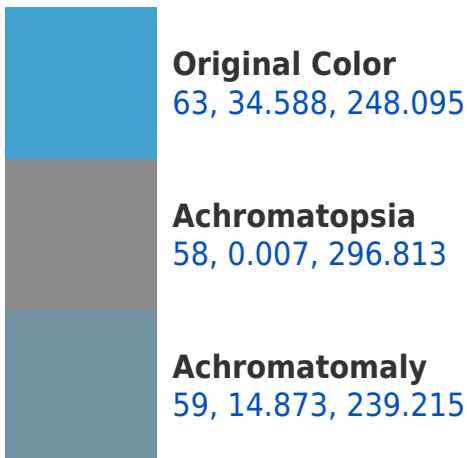


Tritanopia
63, 31.702, 210.366

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 34.588, 248.095 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(68, 162, 209)` looks like.

```
.text, #text, p{  
    color:rgb(68, 162, 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(68, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 162, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 34.588, 248.095 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(68, 162, 209) }
```

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

```
.border{ border-color:rgb(68, 162, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 162, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 162, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 162, 209);  
box-shadow:4px 4px 4px 4px rgb(68, 162,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 34.588, 248.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 162, 209) }
```

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

```
.background{ background-color: rgb(68, 162,  
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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