

Converting Colors

CIELCh(63, 31.379, 220.705)

Have a look what the booklet for
CIELCh(63, 31.379, 220.705)
contains.

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Color

CIELCh(63, 31.360, 220.568)

Conversions

Conversions Part 1

Format	Color
Hex	36A6BC
RGB	54, 166, 188
RGB Percent	21%, 65%, 74%
CMY	0.7894, 0.3499, 0.2636
CMYK	0.71, 0.12, 0.00, 0.26
HSL	190°, 56%, 47%
HSV	190°, 71%, 74%
XYZ	24.1520, 31.5869, 52.2710
YIQ	135.0200, -73.8140, -16.9020

Conversions

Conversions Part 2

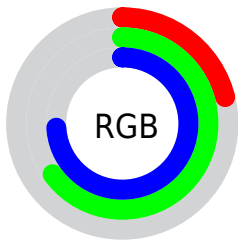
Format	Color
RYB	54, 115, 188
Decimal	3581628
CIELab	63.00, -23.82, -20.39
CIELCh	63, 31.360, 220.568
Yxy	31.5869, 0.2236, 0.2924
Android (android.graphics.Color)	4281771708 (0xFF36A6BC)
YUV	135.0200, 26.1191, -71.0545
Hunter-Lab	56.2022, -21.6466, -15.8012

Details

The CIELCh color **63, 31.360, 220.568** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 56.572, 39.143**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 31.237, 220.756**, and **44, 27.166, 225.009** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.081, 222.618**, and if you desaturate by 10%, it is **64, 28.883, 218.973**.

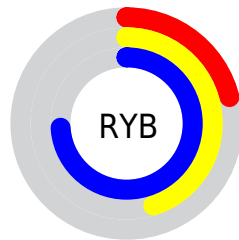
Distribution



Red (21%)

Green (65%)

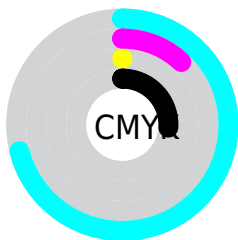
Blue (74%)



Red (21%)

Yellow (45%)

Blue (74%)

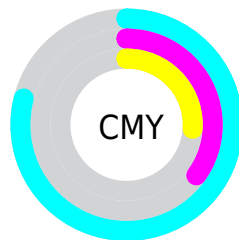


Cyan (71%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (79%)


Magenta (35%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 31.360, 220.568 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, 31.360, 220.568 by changing the saturation by 10% instead.


 63, 31.360,
220.568


 63, 31.360,
220.568


 100, 31.360,
220.568


 53, 31.360,
220.568


 83, 31.360,
220.568

 43, 31.360,
220.568

 93, 31.360,
220.568

 33, 31.360,
220.568

 23, 31.360,
220.568

 13, 31.360,
220.568

 3, 31.360, 220.568

 0, 31.360, 220.568

63, 31.360,
220.568

63, 31.360,
220.568

62, 33.081,
222.618

64, 28.883,
218.973

61, 34.099,
225.188

66, 25.660,
217.766

60, 34.592,
227.747

68, 21.743,
216.879

70, 17.212,
216.252

72, 12.157,
215.839

74, 6.672, 215.613

76, 0.843, 216.023

78, 5.251, 35.267

Harmonies

Complementary

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



63, 31.360, 220.568



47, 56.572, 39.143

Rectangle

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



63, 31.360, 220.568



63, 31.360, 270.568



63, 31.360, 40.568



63, 31.360, 90.568

Sweetspot

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



63, 31.359, 220.567



91, 14.797, 215.837



67, 74.898, 141.627



48, 9.920, 215.932



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 31.359, 220.567



78, 41.212, 224.097



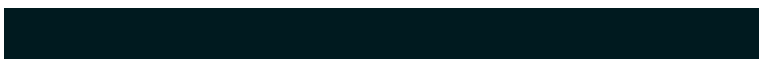
44, 52.506, 285.377



39, 3.347, 215.593



51, 30.459, 227.287



7, 9.649, 222.221

Inverse Universe

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



47, 71.825, 333.876



57, 96.348, 335.036



62, 52.227, 79.923



37, 6.310, 329.836



36, 71.238, 335.937



3, 18.264, 332.305

Previews

White Background



This preview shows how the CIELCh color 63, 31.360, 220.568 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, 31.360, 220.568 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, 31.360, 220.568

Background



This preview shows how black text looks on a background with the CIELCh color 63, 31.360, 220.568.

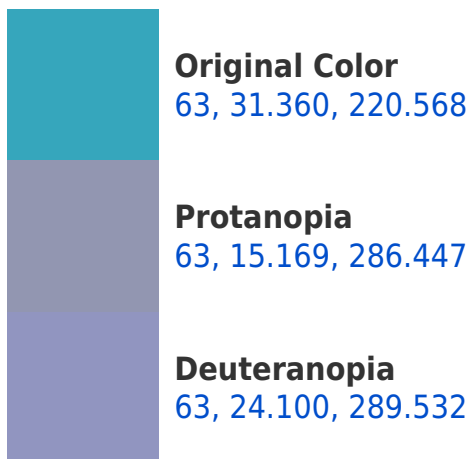


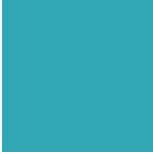
This preview shows how white text looks on a background with the CIELCh color 63, 31.360, 220.568.

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, 31.824, 211.373

Trichromacy



Original Color
63, 31.360, 220.568



Protanomaly
62, 19.625, 244.477



Deuteranomaly
62, 23.354, 256.477



Tritanomaly
63, 31.593, 213.668

Monochromacy



Original Color
63, 31.360, 220.568



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 14.846, 216.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 31.360, 220.568 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, 166, 188)` looks like.

```
.text, #text, p{  
    color:rgb(54, 166, 188)  
}
```

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, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 166, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 31.360, 220.568 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, 166, 188) }
```

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

```
.border{ border-color:rgb(54, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(54, 166,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 31.360, 220.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 166, 188) }
```

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

```
.background{ background-color: rgb(54, 166,  
188) }
```

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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