

Converting Colors

CIELCh(57, 31.597, 244.162)

Have a look what the booklet for
CIELCh(57, 31.597, 244.162)
contains.

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Color

CIELCh(57, 31.743, 244.402)

Conversions

Conversions Part 1

Format	Color
Hex	3792BA
RGB	55, 146, 186
RGB Percent	22%, 57%, 73%
CMY	0.7842, 0.4274, 0.2705
CMYK	0.70, 0.22, 0.00, 0.27
HSL	198°, 54%, 47%
HSV	198°, 70%, 73%
XYZ	20.7238, 24.9227, 50.1841
YIQ	123.3510, -67.0760, -6.8520

Conversions

Conversions Part 2

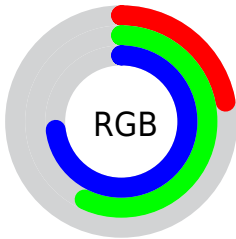
Format	Color
RYB	55, 109, 186
Decimal	3642042
CIELab	57.00, -13.71, -28.63
CIElCh	57, 31.743, 244.402
Yxy	24.9227, 0.2163, 0.2601
Android (android.graphics.Color)	4281832122 (0xFF3792BA)
YUV	123.3510, 30.8860, -59.9438
Hunter-Lab	49.9226, -13.2658, -24.6547

Details

The CIELCh color `57, 31.743, 244.402` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `51, 51.373, 49.226`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 31.579, 244.233`, and `38, 29.228, 251.916` is the 20% darker color. If you saturate the color by 10%, you get `55, 34.486, 248.121`, and if you desaturate by 10%, it is `59, 28.533, 241.337`.

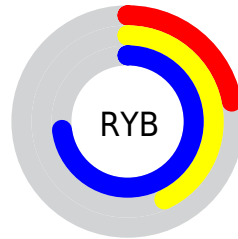
Distribution



Red (22%)

Green (57%)

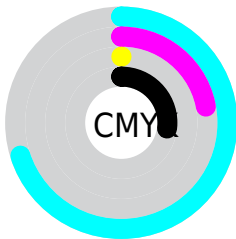
Blue (73%)



Red (22%)

Yellow (43%)

Blue (73%)

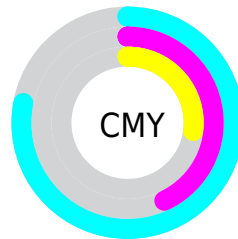


Cyan (70%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (78%)


Magenta (43%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 31.743, 244.402 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 57, 31.743, 244.402 by changing the saturation by 10% instead.


 57, 31.743,
244.402


 57, 31.743,
244.402

 100, 31.743,
244.402


 47, 31.743,
244.402


 77, 31.743,
244.402

 37, 31.743,
244.402

 87, 31.743,
244.402

 27, 31.743,
244.402

 97, 31.743,
244.402

 17, 31.743,
244.402

 7, 31.743, 244.402

 0, 31.743, 244.402

■ 57, 31.743,
244.402

■ 57, 31.743,
244.402

■ 55, 34.486,
248.121

■ 59, 28.533,
241.337

■ 53, 36.856,
252.513

■ 62, 24.830,
238.857

■ 51, 38.978,
257.139

■ 64, 20.650,
236.873

■ 67, 16.038,
235.300

■ 70, 11.056,
234.062

■ 73, 5.769, 233.113

■ 75, 0.239, 234.244

■ 78, 5.481, 51.544

Harmonies

Complementary

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



57, 31.743, 244.402



51, 51.373, 49.226

Rectangle

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



57, 31.743, 244.402



57, 31.743, 294.402



57, 31.743, 64.402



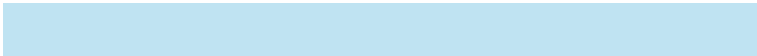
57, 31.743, 114.402

Sweetspot

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



57, 31.742, 244.402



88, 14.062, 234.165



67, 65.947, 146.580



46, 9.528, 234.486



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 31.742, 244.402



69, 43.527, 250.224



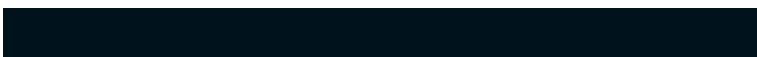
38, 63.810, 294.076



37, 3.112, 233.028



43, 33.925, 256.373



5, 8.706, 245.840

Inverse Universe

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



46, 64.436, 340.580



56, 86.312, 342.664



66, 55.691, 91.942



36, 5.578, 335.103



34, 63.756, 344.986



3, 14.001, 339.620

Previews

White Background



This preview shows how the CIE LCh color 57, 31.743, 244.402 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 CIELCh color 57, 31.743, 244.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

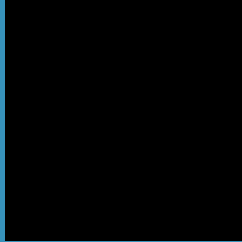
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 31.743, 244.402

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.743, 244.402.

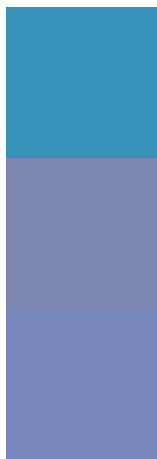


This preview shows how white text looks on a background with the CIELCh color 57, 31.743, 244.402.

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
57, 31.743, 244.402

Protanopia
57, 24.700, 285.209

Deuteranopia
57, 31.590, 285.092



Tritanopia
57, 30.027, 210.231

Trichromacy



Original Color
57, 31.743, 244.402

Protanomaly
56, 26.355, 265.463

Deuteranomaly
56, 30.585, 269.140

Tritanomaly
57, 29.611, 222.582

Monochromacy



Original Color
57, 31.743, 244.402

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 14.168, 236.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.743, 244.402 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(55, 146, 186)` looks like.

```
.text, #text, p{  
    color:rgb(55, 146, 186)  
}
```

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(55, 146, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 146, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.743, 244.402 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(55, 146, 186) }
```

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

```
.border{ border-color:rgb(55, 146, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 146, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 146, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 146, 186);  
box-shadow:4px 4px 4px 4px rgb(55, 146,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.743, 244.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 146, 186) }
```

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

```
.background{ background-color: rgb(55, 146,  
186) }
```

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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