

Converting Colors

CIELCh(62, 31.012, 223.517)

Have a look what the booklet for
CIELCh(62, 31.012, 223.517)
contains.

CIELCh(62, 31.038, 223.272)	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(62, 31.038, 223.272)

Conversions

Conversions Part 1

Format	Color
Hex	35A3BB
RGB	53, 163, 187
RGB Percent	21%, 64%, 73%
CMY	0.7903, 0.3622, 0.2682
CMYK	0.71, 0.13, 0.00, 0.27
HSL	191°, 55%, 47%
HSV	191°, 71%, 73%
XYZ	23.4525, 30.4025, 51.4307
YIQ	132.8460, -73.2640, -15.8560

Conversions

Conversions Part 2

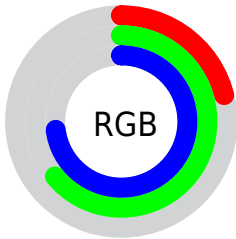
Format	Color
RYB	53, 113, 187
Decimal	3515323
CIELab	62.00, -22.60, -21.28
CIELCh	62, 31.038, 223.272
Yxy	30.4025, 0.2228, 0.2888
Android (android.graphics.Color)	4281705403 (0xFF35A3BB)
YUV	132.8460, 26.6979, -70.0249
Hunter-Lab	55.1385, -20.5695, -16.7061

Details

The CIELCh color **62, 31.038, 223.272** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 55.717, 40.151**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 31.055, 223.169**, and **43, 26.999, 228.390** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.809, 225.562**, and if you desaturate by 10%, it is **64, 28.538, 221.478**.

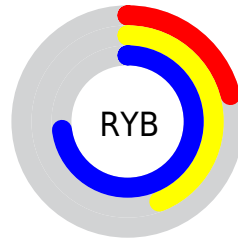
Distribution



Red (21%)

Green (64%)

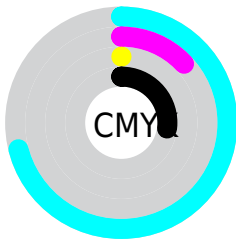
Blue (73%)



Red (21%)

Yellow (44%)

Blue (73%)

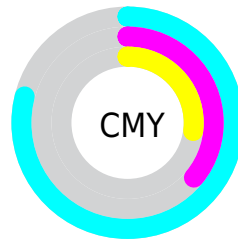


Cyan (71%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (79%)


Magenta (36%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 31.038, 223.272 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 62, 31.038, 223.272 by changing the saturation by 10% instead.


 62, 31.038,
223.272


 62, 31.038,
223.272


 100, 31.038,
223.272


 52, 31.038,
223.272


 82, 31.038,
223.272

 42, 31.038,
223.272

 92, 31.038,
223.272

 32, 31.038,
223.272

 22, 31.038,
223.272

 12, 31.038,
223.272

 2, 31.038, 223.272

 0, 31.038, 223.272

■ 62, 31.038,
223.272

■ 62, 31.038,
223.272

■ 61, 32.809,
225.562

■ 64, 28.538,
221.478

■ 59, 33.909,
228.415

■ 65, 25.319,
220.105

■ 58, 34.501,
231.264

■ 67, 21.428,
219.079

■ 69, 16.941,
218.337

■ 71, 11.947,
217.824

■ 73, 6.536, 217.511

■ 75, 0.793, 217.878

■ 78, 5.209, 37.020

Harmonies

Complementary

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



62, 31.038, 223.272



47, 55.717, 40.151

Rectangle

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



62, 31.038, 223.272



62, 31.038, 273.272



62, 31.038, 43.272



62, 31.038, 93.272

Sweetspot

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



62, 31.037, 223.271



90, 14.532, 217.824



67, 73.658, 142.112



47, 9.826, 217.946



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 31.037, 223.271



76, 40.805, 227.222



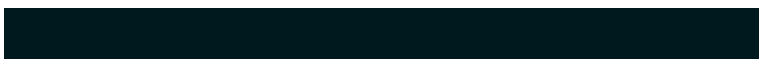
43, 53.548, 286.531



39, 3.313, 217.476



50, 30.505, 230.772



7, 9.566, 225.111

Inverse Universe

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



47, 70.664, 334.569



57, 94.488, 335.840



62, 52.301, 81.367



37, 6.239, 330.385



36, 70.379, 336.851



3, 17.972, 333.150

Previews

White Background



This preview shows how the CIELCh color 62, 31.038, 223.272 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 62, 31.038, 223.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

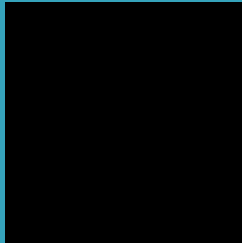
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 31.038, 223.272

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.038, 223.272.



This preview shows how white text looks on a background with the CIELCh color 62, 31.038, 223.272.

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


62, 31.163, 223.152

Protanopia

62, 15.791, 285.467

Deuteranopia

62, 24.759, 288.955



Tritanopia
62, 31.524, 210.476

Trichromacy



Original Color
62, 31.163, 223.152



Protanomaly
61, 20.180, 247.818



Deuteranomaly
61, 24.268, 258.456



Tritanomaly
62, 31.296, 213.885

Monochromacy



Original Color
62, 31.163, 223.152



Achromatopsia
56, 0.007, 296.813



Achromatomaly
57, 14.564, 216.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.038, 223.272 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(53, 163, 187)` looks like.

```
.text, #text, p{  
    color:rgb(53, 163, 187)  
}
```

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(53, 163, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 163, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.038, 223.272 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(53, 163, 187) }
```

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

```
.border{ border-color:rgb(53, 163, 187) }
```

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

Here you see how a box with a 4 pixel rgb(53, 163, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 163, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 163, 187);  
box-shadow:4px 4px 4px 4px rgb(53, 163,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.038, 223.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 163, 187) }
```

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

```
.background{ background-color: rgb(53, 163,  
187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor