

Converting Colors

CIELCh(62, 30.946, 219.846)

Have a look what the booklet for
CIELCh(62, 30.946, 219.846)
contains.

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Color

CIELCh(62, 30.998, 219.782)

Conversions

Conversions Part 1

Format	Color
Hex	34A3B8
RGB	52, 163, 184
RGB Percent	20%, 64%, 72%
CMY	0.7958, 0.3606, 0.2783
CMYK	0.72, 0.11, 0.00, 0.28
HSL	190°, 56%, 46%
HSV	190°, 72%, 72%
XYZ	23.1793, 30.4025, 50.0167
YIQ	132.2050, -72.8970, -17.0010

Conversions

Conversions Part 2

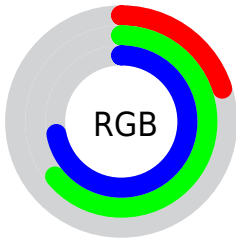
Format	Color
RYB	52, 112, 184
Decimal	3449784
CIELab	62.00, -23.82, -19.83
CIELCh	62, 30.998, 219.782
Yxy	30.4025, 0.2237, 0.2935
Android (android.graphics.Color)	4281639864 (0xFF34A3B8)
YUV	132.2050, 25.5349, -70.3398
Hunter-Lab	55.1385, -21.4539, -15.1856

Details

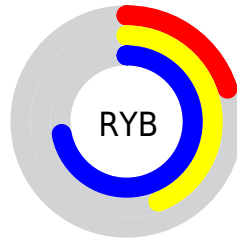
The CIELCh color **62, 30.998, 219.782** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 56.080, 38.869**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 30.903, 219.995**, and **43, 26.595, 224.310** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.664, 221.763**, and if you desaturate by 10%, it is **63, 28.582, 218.243**.

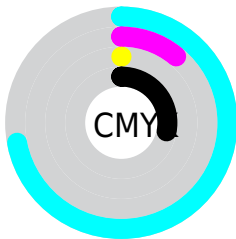
Distribution



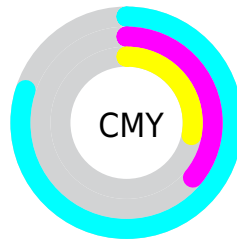
- Red (20%)
- Green (64%)
- Blue (72%)



- Red (20%)
- Yellow (44%)
- Blue (72%)



- Cyan (72%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)





- Cyan (80%)
- Magenta (36%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.998, 219.782 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, 30.998, 219.782 by changing the saturation by 10% instead.


 62, 30.998,
219.782


 62, 30.998,
219.782


 100, 30.998,
219.782


 52, 30.998,
219.782


 82, 30.998,
219.782

 42, 30.998,
219.782

 92, 30.998,
219.782

 32, 30.998,
219.782

 22, 30.998,
219.782

 12, 30.998,
219.782

 2, 30.998, 219.782

 0, 30.998, 219.782

■ 62, 30.998,
219.782

■ 62, 30.998,
219.782

■ 61, 32.664,
221.763

■ 63, 28.582,
218.243

■ 60, 33.634,
224.250

■ 65, 25.428,
217.082

■ 59, 34.083,
226.625

■ 67, 21.586,
216.232

■ 68, 17.133,
215.636

■ 70, 12.159,
215.249

■ 72, 6.757, 215.044

■ 74, 1.013, 215.365

■ 77, 4.995, 34.735

Harmonies

Complementary

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



62, 30.998, 219.782



46, 56.080, 38.869

Rectangle

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



62, 30.998, 219.782



62, 30.998, 269.782



62, 30.998, 39.782



62, 30.998, 89.782

Sweetspot

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



62, 30.997, 219.781



89, 15.238, 215.269



66, 73.952, 141.597



47, 10.140, 215.357



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 30.997, 219.781



77, 40.594, 223.122



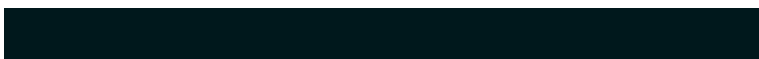
43, 51.888, 285.447



38, 3.283, 215.026



50, 30.104, 226.183



7, 8.683, 222.458

Inverse Universe

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



46, 71.123, 333.680



56, 95.127, 334.787



60, 51.589, 79.889



36, 6.190, 329.669



35, 70.666, 335.652



3, 16.010, 331.814

Previews

White Background



This preview shows how the CIE LCh color 62, 30.998, 219.782 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 62, 30.998, 219.782 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, 30.998, 219.782

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.998, 219.782.

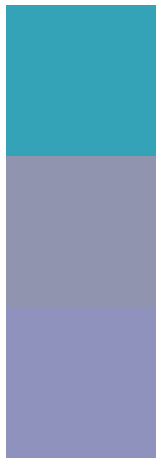


This preview shows how white text looks on a background with the CIELCh color 62, 30.998, 219.782.

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](#).

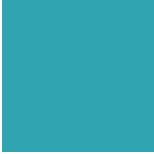
Dichromacy



Original Color
62, 30.998, 219.782

Protanopia
62, 14.648, 286.191

Deuteranopia
62, 23.618, 290.258



Tritanopia
62, 31.399, 210.540

Trichromacy



Original Color
62, 30.998, 219.782



Protanomaly
61, 19.259, 245.855



Deuteranomaly
61, 23.253, 257.209



Tritanomaly
62, 31.296, 213.885

Monochromacy



Original Color
62, 30.998, 219.782



Achromatopsia
55, 0.007, 296.813



Achromatomaly
57, 14.571, 216.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.998, 219.782 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(52, 163, 184)` looks like.

```
.text, #text, p{  
    color:rgb(52, 163, 184)  
}
```

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(52, 163, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 163, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.998, 219.782 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(52, 163, 184) }
```

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

```
.border{ border-color:rgb(52, 163, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 163, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 163, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 163, 184);  
box-shadow:4px 4px 4px 4px rgb(52, 163,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.998, 219.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 163, 184) }
```

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

```
.background{ background-color: rgb(52, 163,  
184) }
```

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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