

Converting Colors

CIELCh(60, 22.889, 195.952)

Have a look what the booklet for
CIELCh(60, 22.889, 195.952)
contains.

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Color

CIELCh(60, 22.889, 195.952)

Conversions

Conversions Part 1

Format	Color
Hex	579C9B
RGB	87, 156, 155
RGB Percent	34%, 61%, 61%
CMY	0.6593, 0.3887, 0.3926
CMYK	0.44, 0.00, 0.01, 0.39
HSL	179°, 28%, 48%
HSV	179°, 44%, 61%
XYZ	21.6969, 28.1233, 35.2468
YIQ	135.2550, -40.8030, -14.9390

Conversions

Conversions Part 2

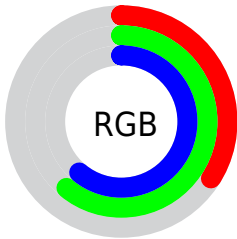
Format	Color
R_{YB}	87, 122, 156
Decimal	5741723
CIE _{Lab}	60.00, -22.01, -6.29
CIE _{LCh}	60, 22.889, 195.952
Yxy	28.1233, 0.2551, 0.3306
Android (android.graphics.Color)	4283931803 (0xFF579C9B)
YUV	135.2550, 9.7343, -42.3196
Hunter-Lab	53.0314, -19.7749, -2.2845

Details

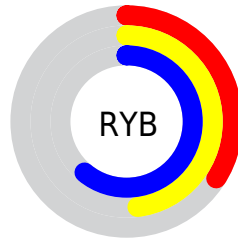
The CIELCh color `60, 22.889, 195.952` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `45, 30.946, 22.802`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 23.053, 195.098`, and `40, 22.663, 196.750` is the 20% darker color. If you saturate the color by 10%, you get `59, 26.650, 195.544`, and if you desaturate by 10%, it is `61, 18.509, 196.402`.

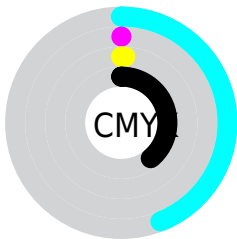
Distribution



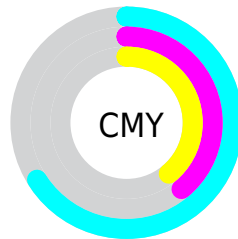
- Red (34%)
- Green (61%)
- Blue (61%)



- Red (34%)
- Yellow (48%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (66%)
- Magenta (39%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 22.889, 195.952 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 60, 22.889, 195.952 by changing the saturation by 10% instead.


 60, 22.889,
195.952


 60, 22.889,
195.952


 100, 22.889,
195.952


 50, 22.889,
195.952


 80, 22.889,
195.952

 40, 22.889,
195.952

 90, 22.889,
195.952

 30, 22.889,
195.952

 20, 22.889,
195.952

 10, 22.889,
195.952

 0, 22.889, 195.952

 60, 22.889,

 60, 22.889,

195.952

195.952

■ 59, 26.650,
195.544

■ 61, 18.509,
196.402

■ 59, 29.726,
195.184

■ 62, 13.592,
196.900

■ 59, 32.080,
194.869

■ 63, 8.232, 197.449

■ 58, 33.713,
194.592

■ 64, 2.520, 198.133

■ 65, 3.458, 18.404

■ 58, 34.673,
194.346

■ 66, 9.626, 19.093

■ 58, 35.071,
194.213

■ 68, 15.917, 19.731

■ 70, 22.278, 20.366

■ 71, 28.667, 21.001

Harmonies

Complementary

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



60, 22.889, 195.952



45, 30.946, 22.802

Rectangle

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



60, 22.889, 195.952



60, 22.889, 245.952



60, 22.889, 15.952



60, 22.889, 65.952

Sweetspot

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



60, 22.889, 195.950



79, 9.270, 197.508



59, 46.646, 140.718



42, 6.502, 197.387



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 22.889, 195.950



75, 32.122, 195.554



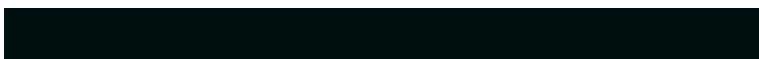
50, 22.149, 261.232



33, 3.343, 197.754



53, 32.889, 194.229



3, 4.476, 197.918

Inverse Universe

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



45, 30.946, 22.802



53, 46.883, 24.723



53, 25.431, 68.316



31, 3.534, 18.725



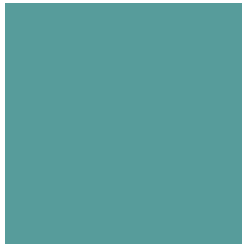
29, 66.593, 38.587



1, 4.475, 18.259

Previews

White Background



This preview shows how the CIELCh color 60, 22.889, 195.952 looks on a white background.

Color Contrast Check

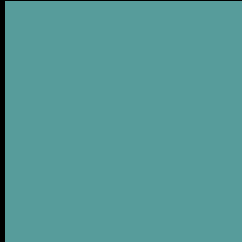
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 22.889, 195.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

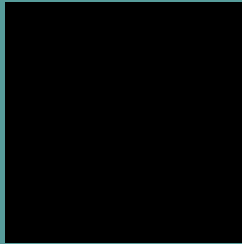
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.889, 195.952

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.889, 195.952.

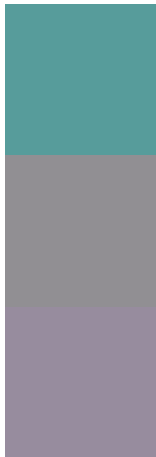


This preview shows how white text looks on a background with the CIELCh color 60, 22.889, 195.952.

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

60, 22.889, 195.952

Protanopia

60, 2.405, 309.144

Deuteranopia

60, 11.054, 313.309



Tritanopia
60, 21.499, 217.893

Trichromacy



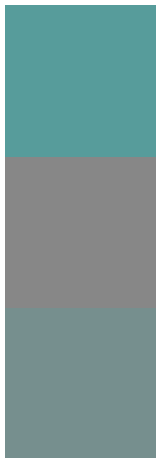
Original Color
60, 22.889, 195.952

Protanomaly
60, 8.896, 205.973

Deuteranomaly
60, 8.904, 243.499

Tritanomaly
60, 21.698, 209.726

Monochromacy



Original Color
60, 22.889, 195.952

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 9.365, 195.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.889, 195.952 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(87, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(87, 156, 155)  
}
```

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(87, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 156, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.889, 195.952 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(87, 156, 155) }
```

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

```
.border{ border-color:rgb(87, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(87, 156,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.889, 195.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 156, 155) }
```

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

```
.background{ background-color: rgb(87, 156,  
155) }
```

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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