

Converting Colors

CIELCh(60, 22.120, 199.766)

Have a look what the booklet for
CIELCh(60, 22.120, 199.766)
contains.

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Color

CIELCh(60, 22.098, 200.425)

Conversions

Conversions Part 1

Format	Color
Hex	589B9D
RGB	88, 155, 157
RGB Percent	35%, 61%, 62%
CMY	0.6533, 0.3905, 0.3827
CMYK	0.44, 0.01, 0.00, 0.38
HSL	182°, 28%, 48%
HSV	182°, 44%, 62%
XYZ	21.9747, 28.1233, 36.3525
YIQ	135.1950, -40.5740, -13.5820

Conversions

Conversions Part 2

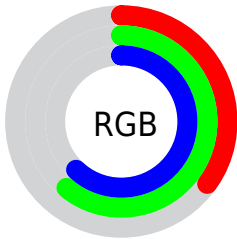
Format	Color
R _Y B	88, 122, 157
Decimal	5807005
CIE Lab	60.00, -20.71, -7.71
CIE LCh	60, 22.098, 200.425
Yxy	28.1233, 0.2542, 0.3253
Android (android.graphics.Color)	4283997085 (0xFF589B9D)
YUV	135.1950, 10.7499, -41.3900
Hunter-Lab	53.0314, -18.8397, -3.5206

Details

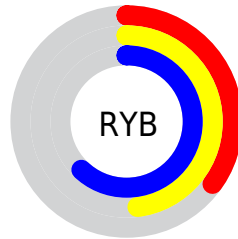
The CIELCh color `60, 22.098, 200.425` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `46, 30.223, 25.737`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 22.205, 200.619`, and `40, 22.241, 200.005` is the 20% darker color. If you saturate the color by 10%, you get `59, 25.740, 200.280`, and if you desaturate by 10%, it is `61, 17.838, 200.654`.

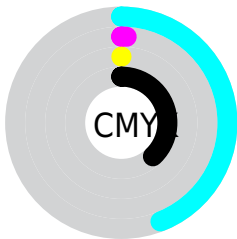
Distribution



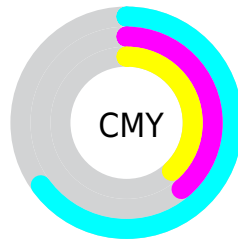
- Red (35%)
- Green (61%)
- Blue (62%)



- Red (35%)
- Yellow (48%)
- Blue (62%)



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)




- Cyan (65%)
- Magenta (39%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.098, 200.425 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, 22.098, 200.425 by changing the saturation by 10% instead.

 60, 22.098,
200.425


 60, 22.098,
200.425

 100, 22.098,
200.425

 50, 22.098,
200.425


 80, 22.098,
200.425

 40, 22.098,
200.425

 90, 22.098,
200.425

 30, 22.098,
200.425

 20, 22.098,
200.425

 10, 22.098,
200.425

 0, 22.098, 200.425

 60, 22.098,

 60, 22.098,

200.425

■ 59, 25.740,
200.280

■ 59, 28.698,
200.235

■ 58, 30.931,
200.298

■ 58, 32.438,
200.474

■ 57, 33.264,
200.766

■ 57, 33.589,
200.977

200.425

■ 61, 17.838,
200.654

■ 62, 13.045,
200.966

■ 63, 7.808, 201.357

■ 64, 2.217, 201.926

■ 66, 3.645, 22.051

■ 67, 9.703, 22.625

■ 69, 15.895, 23.161

■ 71, 22.170, 23.703

■ 72, 28.486, 24.251

Harmonies

Complementary

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



60, 22.098, 200.425



46, 30.223, 25.737

Rectangle

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



60, 22.098, 200.425



60, 22.098, 250.425



60, 22.098, 20.425



60, 22.098, 70.425

Sweetspot

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



60, 22.098, 200.423



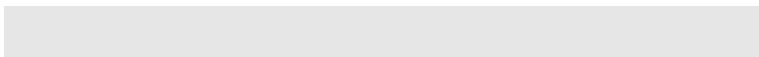
80, 9.079, 201.382



59, 46.302, 141.537



42, 6.302, 201.293



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, 22.098, 200.423



75, 31.270, 200.278



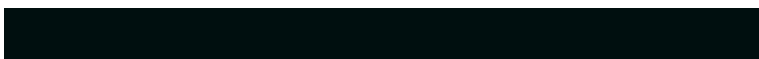
50, 22.983, 264.856



33, 3.242, 201.571



52, 31.288, 200.938



3, 4.315, 202.521

Inverse Universe

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



48, 45.789, 327.549



57, 66.988, 328.027



54, 25.658, 71.735



31, 5.986, 325.700



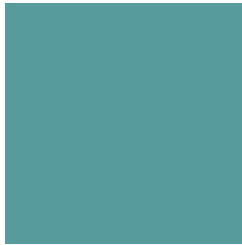
33, 73.399, 329.391



1, 7.753, 325.409

Previews

White Background



This preview shows how the CIE LCh color 60, 22.098, 200.425 looks on a white background.

Color Contrast Check

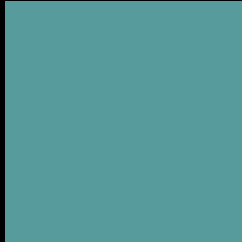
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.098, 200.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

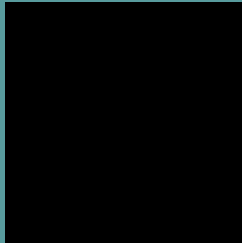
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.098, 200.425

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.098, 200.425.



This preview shows how white text looks on a background with the CIELCh color 60, 22.098, 200.425.

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
60, 21.164, 216.589

Trichromacy



Original Color
60, 22.098, 200.425

Protanomaly
60, 9.142, 216.771

Deuteranomaly
60, 10.086, 250.995

Tritanomaly
60, 21.445, 209.891

Monochromacy



Original Color
60, 22.098, 200.425

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 8.926, 202.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.098, 200.425 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(88, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(88, 155, 157)  
}
```

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(88, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 155, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.098, 200.425 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(88, 155, 157) }
```

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

```
.border{ border-color:rgb(88, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(88, 155,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.098, 200.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 155, 157) }
```

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

```
.background{ background-color: rgb(88, 155,  
157) }
```

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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