

Converting Colors

CIELCh(60, 23.160, 188.176)

Have a look what the booklet for
CIELCh(60, 23.160, 188.176)
contains.

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Color

CIELCh(60, 23.065, 188.819)

Conversions

Conversions Part 1

Format	Color
Hex	599C96
RGB	89, 156, 150
RGB Percent	35%, 61%, 59%
CMY	0.6508, 0.3880, 0.4116
CMYK	0.43, 0.00, 0.04, 0.39
HSL	175°, 27%, 48%
HSV	175°, 43%, 61%
XYZ	21.5302, 28.1233, 33.1681
YIQ	135.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

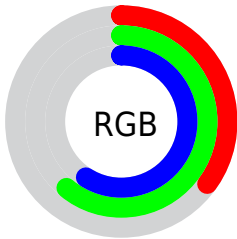
Format	Color
R_{YB}	89, 124, 156
Decimal	5872790
CIE _{Lab}	60.00, -22.79, -3.54
CIE _{LCh}	60, 23.065, 188.819
Yxy	28.1233, 0.2600, 0.3396
Android (android.graphics.Color)	4284062870 (0xFF599C96)
YUV	135.2830, 7.2555, -40.5902
Hunter-Lab	53.0314, -20.3361, 0.0395

Details

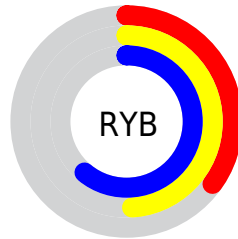
The CIELCh color `60, 23.065, 188.819` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `46, 29.517, 16.962`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 23.104, 188.397`, and `40, 23.020, 188.975` is the 20% darker color. If you saturate the color by 10%, you get `59, 27.199, 188.035`, and if you desaturate by 10%, it is `61, 18.361, 189.581`.

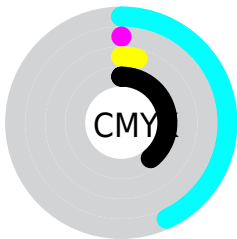
Distribution



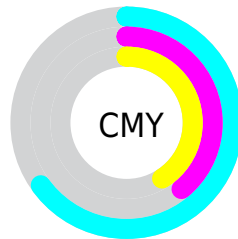
- Red (35%)
- Green (61%)
- Blue (59%)



- Red (35%)
- Yellow (49%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)





- Cyan (65%)
- Magenta (39%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 23.065, 188.819 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, 23.065, 188.819 by changing the saturation by 10% instead.

 60, 23.065,
188.819


 60, 23.065,
188.819


 100, 23.065,
188.819


 50, 23.065,
188.819


 80, 23.065,
188.819

 40, 23.065,
188.819

 90, 23.065,
188.819

 30, 23.065,
188.819

 20, 23.065,
188.819

 10, 23.065,
188.819

 0, 23.065, 188.819

 60, 23.065,

 60, 23.065,

188.819

188.819

■ 59, 27.199,
188.035

■ 61, 18.361,
189.581

■ 59, 30.685,
187.226

■ 62, 13.178,
190.339

■ 58, 33.471,
186.375

■ 63, 7.613, 191.104

■ 58, 35.540,
185.466

■ 64, 1.759, 192.035

■ 65, 4.301, 12.407

■ 58, 36.925,
184.484

■ 67, 10.495, 13.193

■ 58, 37.658,
183.768

■ 68, 16.761, 13.927

■ 70, 23.052, 14.643

■ 72, 29.330, 15.346

Harmonies

Complementary

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



60, 23.065, 188.819



46, 29.517, 16.962

Rectangle

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



60, 23.065, 188.819



60, 23.065, 238.819



60, 23.065, 8.819



60, 23.065, 58.819

Sweetspot

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



60, 23.065, 188.817



80, 9.511, 191.079



59, 44.226, 138.960



42, 6.610, 190.918



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, 23.065, 188.817



76, 33.221, 188.028



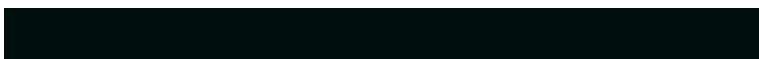
52, 19.879, 250.514



33, 3.389, 191.398



53, 35.266, 183.856



3, 4.537, 190.470

Inverse Universe

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



46, 29.517, 16.962



55, 45.402, 19.015



52, 24.268, 59.758



31, 3.554, 12.660



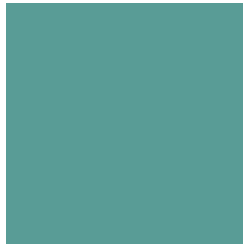
29, 64.072, 35.408



1, 4.514, 12.371

Previews

White Background



This preview shows how the CIELCh color 60, 23.065, 188.819 looks on a white background.

Color Contrast Check

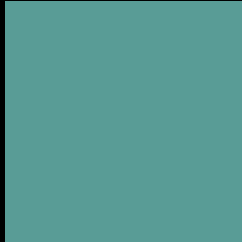
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.065, 188.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

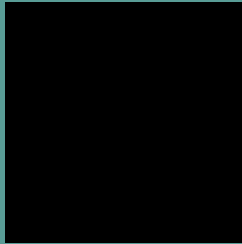
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 23.065, 188.819

Background



This preview shows how black text looks on a background with the CIELCh color 60, 23.065, 188.819.



This preview shows how white text looks on a background with the CIELCh color 60, 23.065, 188.819.

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, 23.065, 188.819

Protanopia
60, 1.563, 19.284

Deuteranopia
60, 9.396, 322.935



Tritanopia
60, 20.419, 217.359

Trichromacy



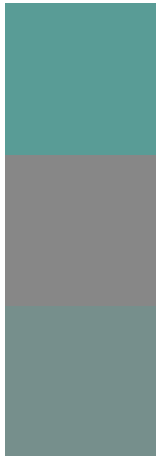
Original Color
60, 23.065, 188.819

Protanomaly
60, 8.348, 190.848

Deuteranomaly
60, 7.033, 233.361

Tritanomaly
60, 20.916, 205.438

Monochromacy



Original Color
60, 23.065, 188.819

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.585, 188.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 23.065, 188.819 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(89, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(89, 156, 150)  
}
```

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(89, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 156, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 23.065, 188.819 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(89, 156, 150) }
```

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

```
.border{ border-color:rgb(89, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(89, 156,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 23.065, 188.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 156, 150) }
```

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

```
.background{ background-color: rgb(89, 156,  
150) }
```

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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