

Converting Colors

CIELCh(59, 22.460, 204.771)

Have a look what the booklet for
CIELCh(59, 22.460, 204.771)
contains.

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Color

CIELCh(59, 22.455, 204.774)

Conversions

Conversions Part 1

Format	Color
Hex	54999E
RGB	84, 153, 158
RGB Percent	33%, 60%, 62%
CMY	0.6716, 0.4010, 0.3814
CMYK	0.47, 0.03, 0.00, 0.38
HSL	184°, 31%, 47%
HSV	184°, 47%, 62%
XYZ	21.1287, 27.0277, 36.3317
YIQ	132.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

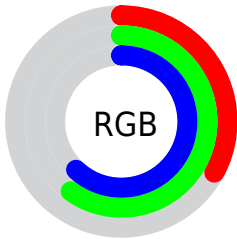
Format	Color
R _Y B	84, 120, 158
Decimal	5544350
CIE Lab	59.00, -20.39, -9.41
CIE LCh	59, 22.455, 204.774
Yxy	27.0277, 0.2501, 0.3199
Android (android.graphics.Color)	4283734430 (0xFF54999E)
YUV	132.9390, 12.3551, -42.9195
Hunter-Lab	51.9882, -18.4347, -5.0428

Details

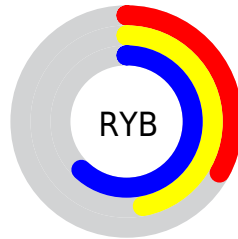
The CIELCh color **59, 22.455, 204.774** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 31.737, 28.915**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 22.683, 204.644**, and **39, 22.484, 204.737** is the 20% darker color. If you saturate the color by 10%, you get **58, 25.754, 204.944**, and if you desaturate by 10%, it is **60, 18.531, 204.738**.

Distribution



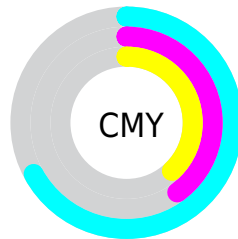
- Red (33%)
- Green (60%)
- Blue (62%)



- Red (33%)
- Yellow (47%)
- Blue (62%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)




- Cyan (67%)
- Magenta (40%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 22.455, 204.774 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 59, 22.455, 204.774 by changing the saturation by 10% instead.

 59, 22.455,
204.774


 59, 22.455,
204.774


 100, 22.455,
204.774


 49, 22.455,
204.774


 79, 22.455,
204.774

 39, 22.455,
204.774

 89, 22.455,
204.774

 29, 22.455,
204.774

 99, 22.455,
204.774

 19, 22.455,
204.774

 9, 22.455, 204.774

 0, 22.455, 204.774

■ 59, 22.455,
204.774

■ 59, 22.455,
204.774

■ 58, 25.754,
204.944

■ 60, 18.531,
204.738

■ 57, 28.367,
205.277

■ 61, 14.061,
204.824

■ 57, 30.261,
205.794

■ 63, 9.134, 205.016

■ 56, 31.443,
206.515

■ 64, 3.837, 205.338

■ 65, 1.749, 25.263

■ 56, 32.004,
207.441

■ 67, 7.551, 25.829

■ 55, 32.137,
207.738

■ 69, 13.506, 26.253

■ 71, 19.565, 26.685

■ 73, 25.684, 27.130

Harmonies

Complementary

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



59, 22.455, 204.774



46, 31.737, 28.915

Rectangle

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



59, 22.455, 204.774



59, 22.455, 254.774



59, 22.455, 24.774



59, 22.455, 74.774

Sweetspot

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



59, 22.455, 204.772



79, 9.393, 205.085



59, 47.828, 142.544



41, 6.433, 205.032



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 22.455, 204.772



74, 31.218, 204.948



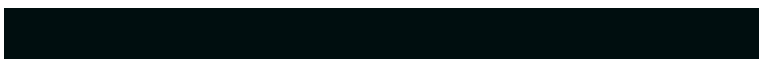
48, 26.207, 270.725



33, 3.124, 205.243



50, 29.899, 207.633



3, 4.131, 206.885

Inverse Universe

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



47, 47.600, 328.887



56, 68.399, 329.396



55, 28.306, 76.187



31, 5.829, 326.798



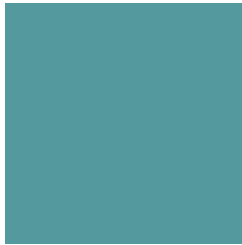
33, 71.251, 331.053



1, 7.507, 326.745

Previews

White Background



This preview shows how the CIE LCh color 59, 22.455, 204.774 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 59, 22.455, 204.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

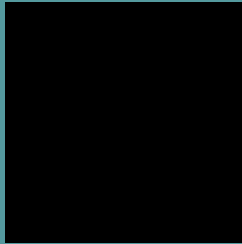
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 22.455, 204.774

Background



This preview shows how black text looks on a background with the CIELCh color 59, 22.455, 204.774.

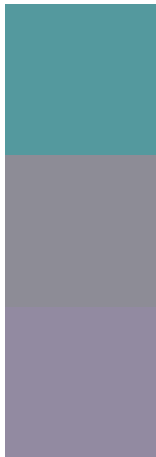


This preview shows how white text looks on a background with the CIELCh color 59, 22.455, 204.774.

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


59, 22.455, 204.774

Protanopia

59, 5.699, 294.657

Deuteranopia

59, 13.445, 304.372



Tritanopia
59, 21.880, 215.928

Trichromacy



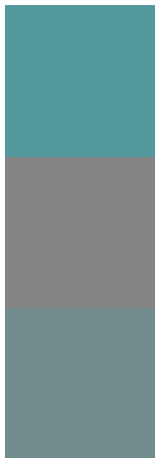
Original Color
59, 22.455, 204.774

Protanomaly
59, 10.007, 225.790

Deuteranomaly
58, 11.812, 254.123

Tritanomaly
59, 21.996, 212.664

Monochromacy



Original Color
59, 22.455, 204.774

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.311, 205.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 22.455, 204.774 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(84, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(84, 153, 158)  
}
```

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(84, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 153, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 22.455, 204.774 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(84, 153, 158) }
```

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

```
.border{ border-color:rgb(84, 153, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(84, 153,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 22.455, 204.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 153, 158) }
```

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

```
.background{ background-color: rgb(84, 153,  
158) }
```

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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