

Converting Colors

CIElCh(58, 24.945, 213.375)

Have a look what the booklet for
CIELCh(58, 24.945, 213.375)
contains.

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Color

CIELCh(58, 24.965, 213.379)

Conversions

Conversions Part 1

Format	Color
Hex	4797A3
RGB	71, 151, 163
RGB Percent	28%, 59%, 64%
CMY	0.7232, 0.4094, 0.3623
CMYK	0.57, 0.07, 0.00, 0.36
HSL	188°, 39%, 46%
HSV	188°, 57%, 64%
XYZ	20.1463, 25.9610, 38.4143
YIQ	128.4480, -51.5320, -13.2280

Conversions

Conversions Part 2

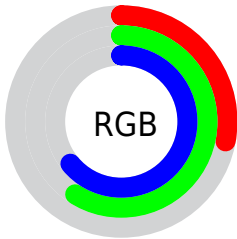
Format	Color
R_{YB}	71, 114, 163
Decimal	4691875
CIE _{Lab}	58.00, -20.85, -13.74
CIE _{LCh}	58, 24.965, 213.379
Yxy	25.9610, 0.2384, 0.3072
Android (android.graphics.Color)	4282881955 (0xFF4797A3)
YUV	128.4480, 17.0341, -50.3819
Hunter-Lab	50.9519, -18.5873, -9.0343




Details

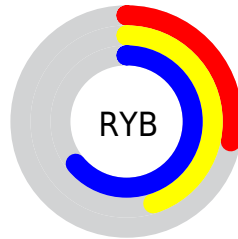
The CIELCh color **58, 24.965, 213.379** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 38.789, 34.788**, and the grayscale version is **54, 0.007, 296.813**.




A 20% lighter version of the original color is **78, 24.984, 214.096**, and **38, 24.280, 213.125** is the 20% darker color. If you saturate the color by 10%, you get **57, 27.538, 214.359**, and if you desaturate by 10%, it is **59, 21.726, 212.672**.

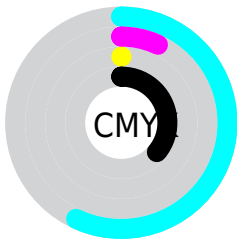
Distribution







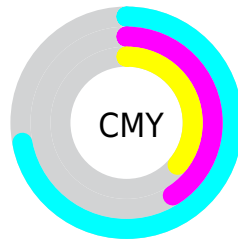
-  Red (28%)
-  Green (59%)
-  Blue (64%)






-  Red (28%)
-  Yellow (45%)
-  Blue (64%)



-  Cyan (57%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (36%)





-  Cyan (72%)
-  Magenta (41%)
-  Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 24.965, 213.379 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 58, 24.965, 213.379 by changing the saturation by 10% instead.


 58, 24.965,
213.379


 58, 24.965,
213.379


 100, 24.965,
213.379


 48, 24.965,
213.379


 78, 24.965,
213.379

 38, 24.965,
213.379

 88, 24.965,
213.379

 28, 24.965,
213.379

 98, 24.965,
213.379

 18, 24.965,
213.379

 8, 24.965, 213.379

 0, 24.965, 213.379

■ 58, 24.965,
213.379

■ 58, 24.965,
213.379

■ 57, 27.538,
214.359

■ 59, 21.726,
212.672

■ 56, 29.411,
215.669

■ 61, 17.885,
212.197

■ 55, 30.594,
217.359

■ 62, 13.520,
211.910

■ 54, 31.173,
219.453

■ 64, 8.718, 211.784

■ 54, 31.327,
220.196

■ 66, 3.561, 211.835

■ 67, 1.875, 31.513

■ 69, 7.522, 31.840

■ 71, 13.323, 32.059

■ 74, 19.231, 32.301

Harmonies

Complementary

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



58, 24.965, 213.379



45, 38.789, 34.788

Rectangle

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



58, 24.965, 213.379



58, 24.965, 263.379



58, 24.965, 33.379



58, 24.965, 83.379

Sweetspot

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



58, 24.965, 213.377



81, 11.042, 211.788



60, 56.244, 142.798



43, 7.402, 211.802



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 24.965, 213.377



72, 34.195, 214.675



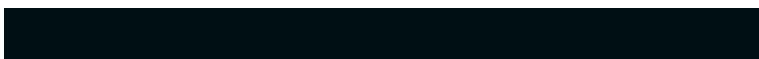
45, 34.792, 277.881



34, 3.041, 211.795



48, 28.869, 219.942



4, 4.726, 215.660

Inverse Universe

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



45, 55.154, 331.566



54, 78.255, 332.309



56, 36.320, 79.384



32, 5.729, 328.720



33, 68.774, 334.078



1, 8.644, 329.376

Previews

White Background



This preview shows how the CIELCh color 58, 24.965, 213.379 looks on a white background.

Color Contrast Check

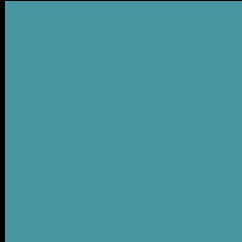
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 24.965, 213.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

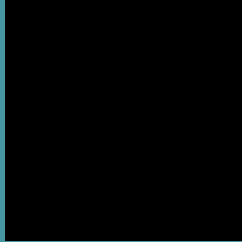
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.965, 213.379

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.965, 213.379.



This preview shows how white text looks on a background with the CIELCh color 58, 24.965, 213.379.

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

58, 24.965, 213.379

Protanopia

58, 9.126, 286.564

Deuteranopia

58, 17.771, 296.846



Tritanopia
58, 24.965, 213.379

Trichromacy



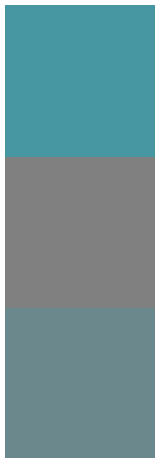
Original Color
58, 24.965, 213.379

Protanomaly
58, 13.252, 235.799

Deuteranomaly
57, 16.213, 256.849

Tritanomaly
58, 24.965, 213.379

Monochromacy



Original Color
58, 24.965, 213.379

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 10.884, 213.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.965, 213.379 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(71, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(71, 151, 163)  
}
```

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(71, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 151, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.965, 213.379 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(71, 151, 163) }
```

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

```
.border{ border-color:rgb(71, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(71, 151,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.965, 213.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 151, 163) }
```

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

```
.background{ background-color: rgb(71, 151,  
163) }
```

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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