

Converting Colors

CIELCh(58, 26.320, 229.179)

Have a look what the booklet for
CIELCh(58, 26.320, 229.179)
contains.

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Color

CIELCh(58, 26.302, 229.244)

Conversions

Conversions Part 1

Format	Color
Hex	4695AD
RGB	70, 149, 173
RGB Percent	27%, 58%, 68%
CMY	0.7273, 0.4139, 0.3197
CMYK	0.60, 0.14, 0.00, 0.32
HSL	194°, 43%, 48%
HSV	194°, 60%, 68%
XYZ	20.9008, 25.9610, 43.6851
YIQ	128.1150, -54.7880, -9.2840

Conversions

Conversions Part 2

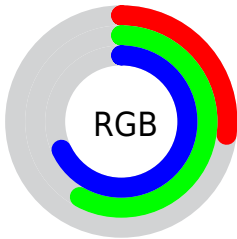
Format	Color
R_{YB}	70, 115, 173
Decimal	4625837
CIE _{Lab}	58.00, -17.17, -19.92
CIE _{LCh}	58, 26.302, 229.244
Yxy	25.9610, 0.2308, 0.2867
Android (android.graphics.Color)	4282815917 (0xFF4695AD)
YUV	128.1150, 22.1283, -50.9669
Hunter-Lab	50.9519, -15.9441, -15.1677

Details

The CIELCh color **58, 26.302, 229.244** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 41.264, 42.936**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 26.102, 229.154**, and **38, 25.151, 231.909** is the 20% darker color. If you saturate the color by 10%, you get **56, 28.928, 231.542**, and if you desaturate by 10%, it is **60, 23.076, 227.439**.

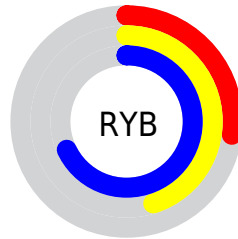
Distribution



Red (27%)

Green (58%)

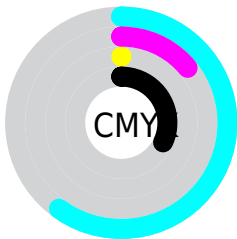
Blue (68%)



Red (27%)

Yellow (45%)

Blue (68%)

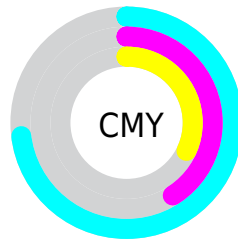


Cyan (60%)

Magenta (14%)

Yellow (0%)

Black (32%)



Cyan (73%)

Magenta (41%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 26.302, 229.244 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, 26.302, 229.244 by changing the saturation by 10% instead.


 58, 26.302,
229.244

 58, 26.302,
229.244

 100, 26.302,
229.244

 48, 26.302,
229.244


 78, 26.302,
229.244

 38, 26.302,
229.244

 88, 26.302,
229.244

 28, 26.302,
229.244

 98, 26.302,
229.244

 18, 26.302,
229.244

 8, 26.302, 229.244

 0, 26.302, 229.244

■ 58, 26.302,
229.244

■ 58, 26.302,
229.244

■ 56, 28.928,
231.542

■ 60, 23.076,
227.439

■ 55, 30.956,
234.423

■ 62, 19.293,
226.046

■ 53, 32.441,
237.952

■ 64, 15.015,
224.986

■ 52, 33.588,
241.998

■ 66, 10.318,
224.197

■ 52, 33.598,
242.030

■ 69, 5.276, 223.646

■ 71, 0.042, 31.569

■ 73, 5.571, 42.732

■ 76, 11.261, 42.571

■ 79, 17.067, 42.457

Harmonies

Complementary

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



58, 26.302, 229.244



49, 41.264, 42.936

Rectangle

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



58, 26.302, 229.244



58, 26.302, 279.244



58, 26.302, 49.244



58, 26.302, 99.244

Sweetspot

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



58, 26.301, 229.243



84, 11.547, 224.092



63, 58.031, 145.374



44, 7.949, 224.280



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 26.301, 229.243



71, 35.955, 232.431



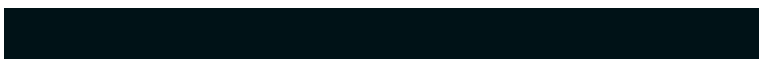
43, 44.944, 286.249



36, 3.014, 223.621



45, 30.187, 241.475



4, 6.391, 232.841

Inverse Universe

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



46, 56.900, 335.872



55, 79.430, 337.043



61, 43.056, 87.212



34, 5.611, 332.190



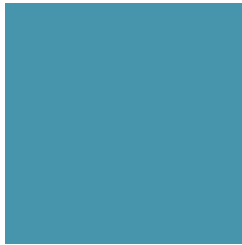
34, 65.437, 339.868



2, 11.125, 334.700

Previews

White Background



This preview shows how the CIE LCh color 58, 26.302, 229.244 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, 26.302, 229.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

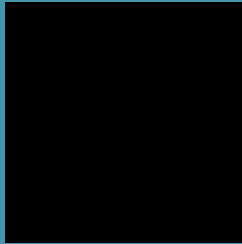
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.302, 229.244

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.302, 229.244.



This preview shows how white text looks on a background with the CIELCh color 58, 26.302, 229.244.

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, 26.132, 229.485

Protanopia

58, 15.983, 286.891

Deuteranopia

58, 22.796, 289.325



Tritanopia
58, 26.140, 212.549

Trichromacy



Original Color
58, 26.132, 229.485

Protanomaly
58, 17.934, 254.913

Deuteranomaly
57, 21.598, 263.334

Tritanomaly
58, 25.862, 219.608

Monochromacy



Original Color
58, 26.132, 229.485

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.498, 225.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.302, 229.244 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(70, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(70, 149, 173)  
}
```

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(70, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 149, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.302, 229.244 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(70, 149, 173) }
```

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

```
.border{ border-color:rgb(70, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(70, 149,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.302, 229.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 149, 173) }
```

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

```
.background{ background-color: rgb(70, 149,  
173) }
```

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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