

Converting Colors

CIELCh(58, 43.296, 154.196)

Have a look what the booklet for
CIELCh(58, 43.296, 154.196)
contains.

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Color

CIELCh(58, 43.296, 154.196)

Conversions

Conversions Part 1

Format	Color
Hex	429C69
RGB	66, 156, 105
RGB Percent	26%, 61%, 41%
CMY	0.7411, 0.3882, 0.5882
CMYK	0.58, 0.00, 0.33, 0.39
HSL	146°, 41%, 44%
HSV	146°, 58%, 61%
XYZ	16.6894, 25.9610, 17.4999
YIQ	123.2760, -37.2690, -34.9410

Conversions

Conversions Part 2

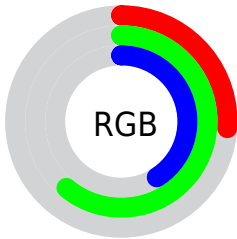
Format	Color
RYB	66, 129, 156
Decimal	4365417
CIELab	58.00, -38.98, 18.85
CIElCh	58, 43.296, 154.196
Yxy	25.9610, 0.2775, 0.4316
Android (android.graphics.Color)	4282555497 (0xFF429C69)
YUV	123.2760, -9.0101, -50.2311
Hunter-Lab	50.9519, -30.6979, 15.3027

Details

The CIELCh color **58, 43.296, 154.196** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **42, 44.704, 345.959**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 43.073, 154.583**, and **38, 42.636, 153.042** is the 20% darker color. If you saturate the color by 10%, you get **57, 49.601, 152.627**, and if you desaturate by 10%, it is **59, 36.439, 155.578**.

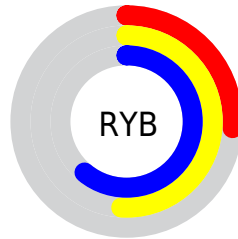
Distribution



Red (26%)

Green (61%)

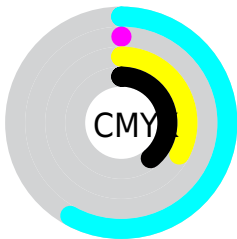
Blue (41%)



Red (26%)

Yellow (51%)

Blue (61%)

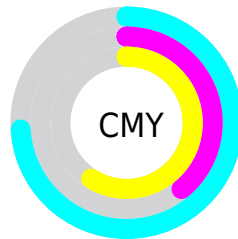


Cyan (58%)

Magenta (0%)

Yellow (33%)

Black (39%)



Cyan (74%)


Magenta (39%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 43.296, 154.196 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, 43.296, 154.196 by changing the saturation by 10% instead.


 58, 43.296,
154.196


 58, 43.296,
154.196


 100, 43.296,
154.196


 48, 43.296,
154.196


 78, 43.296,
154.196

 38, 43.296,
154.196

 88, 43.296,
154.196

 28, 43.296,
154.196

 98, 43.296,
154.196

 18, 43.296,
154.196

 8, 43.296, 154.196

 0, 43.296, 154.196

■ 58, 43.296,
154.196

■ 58, 43.296,
154.196

■ 57, 49.601,
152.627

■ 59, 36.439,
155.578

■ 57, 55.253,
150.860

■ 60, 29.154,
156.793

■ 57, 60.194,
148.897

■ 61, 21.571,
157.865

■ 56, 64.471,
146.808

■ 62, 13.815,
158.819

■ 56, 65.421,
146.352

■ 63, 5.993, 159.690

■ 65, 1.804, 340.216

■ 66, 9.509, 341.040

■ 68, 17.069,
341.676

■ 70, 24.450,
342.251

Harmonies

Complementary

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



58, 43.296, 154.196



42, 44.704, 345.959

Rectangle

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



58, 43.296, 154.196



58, 43.296, 204.196



58, 43.296, 334.196



58, 43.296, 24.196

Sweetspot

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



58, 43.297, 154.196



79, 16.521, 158.850



60, 50.630, 123.451



41, 11.024, 158.684



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 43.297, 154.196



73, 62.443, 152.173



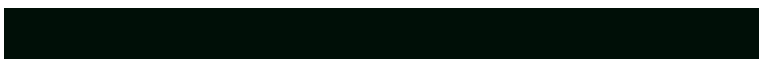
59, 28.823, 188.278



33, 4.460, 159.555



52, 61.074, 146.539



3, 5.928, 159.154

Inverse Universe

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



42, 44.704, 345.959



50, 63.560, 347.985



40, 40.840, 20.608



31, 4.501, 340.889



30, 56.180, 355.041



1, 5.714, 341.682

Previews

White Background



This preview shows how the CIELCh color 58, 43.296, 154.196 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, 43.296, 154.196 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, 43.296, 154.196

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.296, 154.196.



This preview shows how white text looks on a background with the CIELCh color 58, 43.296, 154.196.

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, 43.296, 154.196

Protanopia
57, 23.596, 95.667

Deuteranopia
58, 18.220, 65.370



Tritanopia
58, 21.863, 215.995

Trichromacy



Original Color
58, 43.296, 154.196

Protanomaly
57, 27.498, 130.365

Deuteranomaly
57, 19.544, 125.271

Tritanomaly
58, 26.140, 183.068

Monochromacy



Original Color
58, 43.296, 154.196

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 17.063, 157.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.296, 154.196 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(66, 156, 105)` looks like.

```
.text, #text, p{  
    color:rgb(66, 156, 105)  
}
```

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(66, 156, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 156, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.296, 154.196 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(66, 156, 105) }
```

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

```
.border{ border-color:rgb(66, 156, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 156, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 156, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 156, 105);  
box-shadow:4px 4px 4px 4px rgb(66, 156,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.296, 154.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 156, 105) }
```

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

```
.background{ background-color: rgb(66, 156,  
105) }
```

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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