

Converting Colors

CIELCh(58, 43.936, 152.993)

Have a look what the booklet for
CIELCh(58, 43.936, 152.993)
contains.

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Color

CIELCh(58, 43.936, 152.993)

Conversions

Conversions Part 1

Format	Color
Hex	439C67
RGB	67, 156, 103
RGB Percent	26%, 61%, 40%
CMY	0.7371, 0.3881, 0.5960
CMYK	0.57, 0.00, 0.34, 0.39
HSL	144°, 40%, 44%
HSV	144°, 57%, 61%
XYZ	16.6597, 25.9610, 16.9719
YIQ	123.3470, -36.0310, -35.3510

Conversions

Conversions Part 2

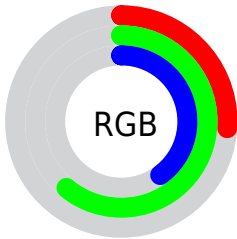
Format	Color
RYB	67, 130, 156
Decimal	4430951
CIELab	58.00, -39.14, 19.95
CIELCh	58, 43.936, 152.993
Yxy	25.9610, 0.2796, 0.4356
Android (android.graphics.Color)	4282621031 (0xFF439C67)
YUV	123.3470, -10.0311, -49.4163
Hunter-Lab	50.9519, -30.8018, 15.9171

Details

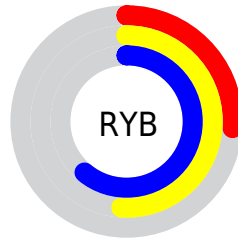
The CIELCh color $58, 43.936, 152.993$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $42, 45.015, 344.211$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 44.031, 152.906$, and $38, 43.513, 151.989$ is the 20% darker color. If you saturate the color by 10%, you get $57, 50.471, 151.449$, and if you desaturate by 10%, it is $59, 36.851, 154.351$.

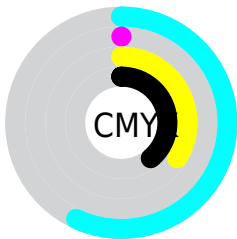
Distribution



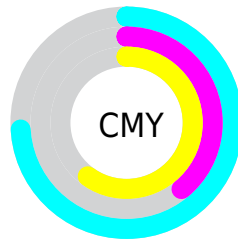
- Red (26%)
- Green (61%)
- Blue (40%)



- Red (26%)
- Yellow (51%)
- Blue (61%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)





- Cyan (74%)
- Magenta (39%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 43.936, 152.993 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, 43.936, 152.993 by changing the saturation by 10% instead.


 58, 43.936,
152.993

 58, 43.936,
152.993


 100, 43.936,
152.993


 48, 43.936,
152.993


 78, 43.936,
152.993

 38, 43.936,
152.993

 88, 43.936,
152.993

 28, 43.936,
152.993

 98, 43.936,
152.993

 18, 43.936,
152.993

 8, 43.936, 152.993

 0, 43.936, 152.993

■ 58, 43.936,
152.993

■ 58, 43.936,
152.993

■ 57, 50.471,
151.449

■ 59, 36.851,
154.351

■ 57, 56.344,
149.708

■ 60, 29.345,
155.544

■ 57, 61.487,
147.777

■ 61, 21.554,
156.593

■ 56, 65.918,
145.717

■ 62, 13.605,
157.523

■ 56, 67.162,
145.143

■ 63, 5.606, 158.373

■ 65, 2.354, 338.916

■ 66, 10.205,
339.674

■ 68, 17.899,
340.282

■ 70, 25.402,
340.831

Harmonies

Complementary

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



58, 43.936, 152.993



42, 45.015, 344.211

Rectangle

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



58, 43.936, 152.993



58, 43.936, 202.993



58, 43.936, 332.993



58, 43.936, 22.993

Sweetspot

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



58, 43.937, 152.993



79, 16.885, 157.497



60, 49.919, 122.824



41, 11.268, 157.334



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, 43.937, 152.993



73, 63.297, 151.065



59, 28.898, 186.685



33, 4.556, 158.186



52, 62.696, 145.327



3, 6.046, 157.881

Inverse Universe

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



42, 45.015, 344.211



50, 63.903, 345.998



41, 40.181, 19.204



31, 4.593, 339.485



31, 56.846, 352.573



1, 5.827, 340.311

Previews

White Background



This preview shows how the CIELCh color 58, 43.936, 152.993 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, 43.936, 152.993 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, 43.936, 152.993

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.936, 152.993.



This preview shows how white text looks on a background with the CIELCh color 58, 43.936, 152.993.

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, 43.936, 152.993

Protanopia
58, 24.237, 94.827

Deuteranopia
58, 19.102, 67.455



Tritanopia
58, 21.627, 216.221

Trichromacy



Original Color
58, 43.936, 152.993



Protanomaly
57, 27.842, 129.161



Deuteranomaly
57, 20.612, 124.290



Tritanomaly
58, 26.129, 181.771

Monochromacy



Original Color
58, 43.936, 152.993



Achromatopsia
52, 0.007, 296.813



Achromatomaly
53, 16.780, 157.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.936, 152.993 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(67, 156, 103)` looks like.

```
.text, #text, p{  
    color:rgb(67, 156, 103)  
}
```

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(67, 156, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 156, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.936, 152.993 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(67, 156, 103) }
```

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

```
.border{ border-color:rgb(67, 156, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 156, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 156, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 156, 103);  
box-shadow:4px 4px 4px 4px rgb(67, 156,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.936, 152.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 156, 103) }
```

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

```
.background{ background-color: rgb(67, 156,  
103) }
```

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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