

Converting Colors

CIElCh(58, 43.340, 155.819)

Have a look what the booklet for
CIELCh(58, 43.340, 155.819)
contains.

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Color

CIELCh(58, 43.220, 155.975)

Conversions

Conversions Part 1

Format	Color
Hex	3E9C6B
RGB	62, 156, 107
RGB Percent	24%, 61%, 42%
CMY	0.7558, 0.3872, 0.5795
CMYK	0.60, 0.00, 0.31, 0.39
HSL	149°, 43%, 43%
HSV	149°, 60%, 61%
XYZ	16.6007, 25.9610, 18.1104
YIQ	122.3080, -40.2950, -35.1670

Conversions

Conversions Part 2

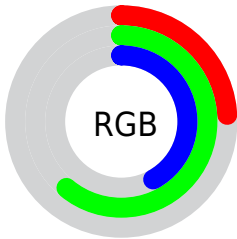
Format	Color
RYB	62, 126, 156
Decimal	4103275
CIELab	58.00, -39.48, 17.60
CIELCh	58, 43.220, 155.975
Yxy	25.9610, 0.2736, 0.4279
Android (android.graphics.Color)	4282293355 (0xFF3E9C6B)
YUV	122.3080, -7.5468, -52.8901
Hunter-Lab	50.9519, -31.0086, 14.5923

Details

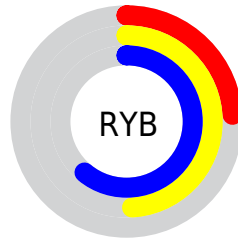
The CIELCh color $58, 43.220, 155.975$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $41, 45.264, 349.088$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 42.963, 156.267$, and $38, 41.758, 154.140$ is the 20% darker color. If you saturate the color by 10%, you get $57, 49.079, 154.344$, and if you desaturate by 10%, it is $59, 36.789, 157.416$.

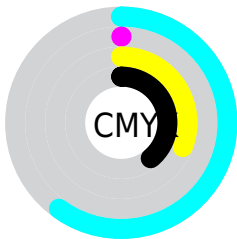
Distribution



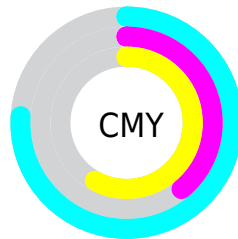
- Red (24%)
- Green (61%)
- Blue (42%)



- Red (24%)
- Yellow (49%)
- Blue (61%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (39%)





- Cyan (76%)
- Magenta (39%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 43.220, 155.975 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, 43.220, 155.975 by changing the saturation by 10% instead.


 58, 43.220,
155.975

 58, 43.220,
155.975


 100, 43.220,
155.975


 48, 43.220,
155.975


 78, 43.220,
155.975

 38, 43.220,
155.975

 88, 43.220,
155.975

 28, 43.220,
155.975

 98, 43.220,
155.975

 18, 43.220,
155.975

 8, 43.220, 155.975

 0, 43.220, 155.975

■ 58, 43.220,
155.975

■ 58, 43.220,
155.975

■ 57, 49.079,
154.344

■ 59, 36.789,
157.416

■ 57, 54.282,
152.511

■ 60, 29.897,
158.687

■ 57, 58.796,
150.479

■ 61, 22.667,
159.813

■ 56, 62.713,
148.405

■ 62, 15.221,
160.818

■ 63, 7.669, 161.732

■ 64, 0.104, 165.683

■ 66, 7.402, 343.179

■ 68, 14.791,
343.871

■ 69, 22.026,
344.495

Harmonies

Complementary

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



58, 43.220, 155.975



41, 45.264, 349.088

Rectangle

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



58, 43.220, 155.975



58, 43.220, 205.975



58, 43.220, 335.975



58, 43.220, 25.975

Sweetspot

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



58, 43.221, 155.975



79, 16.907, 160.987



60, 53.296, 125.263



41, 11.713, 160.729



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, 43.221, 155.975



73, 61.974, 153.767



59, 28.857, 193.293



33, 4.315, 161.811



52, 58.481, 148.598



3, 5.749, 161.246

Inverse Universe

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



41, 45.264, 349.088



49, 63.962, 351.613



40, 43.509, 24.875



31, 4.364, 343.199



30, 55.393, 359.056



1, 5.545, 343.932

Previews

White Background



This preview shows how the CIE LCh color 58, 43.220, 155.975 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, 43.220, 155.975 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, 43.220, 155.975

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.220, 155.975.



This preview shows how white text looks on a background with the CIELCh color 58, 43.220, 155.975.

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, 43.220, 155.975

Protanopia
58, 22.508, 95.274

Deuteranopia
58, 17.046, 64.049



Tritanopia
58, 22.786, 215.155

Trichromacy



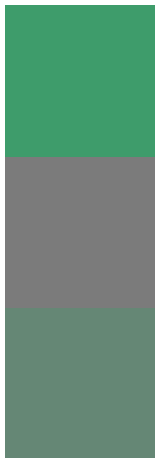
Original Color
58, 43.220, 155.975

Protanomaly
57, 26.838, 132.838

Deuteranomaly
57, 18.764, 128.668

Tritanomaly
58, 27.099, 183.474

Monochromacy



Original Color
58, 43.220, 155.975

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 16.958, 159.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.220, 155.975 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(62, 156, 107)` looks like.

```
.text, #text, p{  
    color:rgb(62, 156, 107)  
}
```

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(62, 156, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 156, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.220, 155.975 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(62, 156, 107) }
```

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

```
.border{ border-color:rgb(62, 156, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 156, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 156, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 156, 107);  
box-shadow:4px 4px 4px 4px rgb(62, 156,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.220, 155.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 156, 107) }
```

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

```
.background{ background-color: rgb(62, 156,  
107) }
```

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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