

Converting Colors

CIELCh(58, 62.266, 145.756)

Have a look what the booklet for
CIELCh(58, 62.266, 145.756)
contains.

CIELCh(58, 62.565, 145.647)	3
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Color

CIELCh(58, 62.565, 145.647)

Conversions

Conversions Part 1

Format	Color
Hex	25A04A
RGB	37, 160, 74
RGB Percent	15%, 63%, 29%
CMY	0.8560, 0.3732, 0.7104
CMYK	0.77, 0.00, 0.54, 0.37
HSL	138°, 63%, 39%
HSV	138°, 77%, 63%
XYZ	14.5241, 25.9610, 10.6958
YIQ	113.4190, -45.7020, -52.8220

Conversions

Conversions Part 2

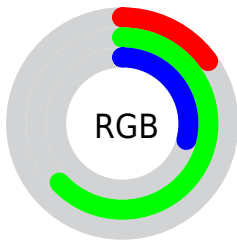
Format	Color
R_{YB}	37, 132, 160
Decimal	2465866
CIE Lab	58.00, -51.65, 35.30
CIE LCh	58, 62.565, 145.647
Yxy	25.9610, 0.2838, 0.5072
Android (android.graphics.Color)	4280655946 (0xFF25A04A)
YUV	113.4190, -19.4336, -67.0195
Hunter-Lab	50.9519, -38.2834, 23.2202

Details

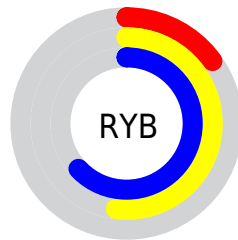
The CIELCh color **58, 62.565, 145.647** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **38, 60.424, 341.094**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 62.520, 145.743**, and **39, 57.076, 140.302** is the 20% darker color. If you saturate the color by 10%, you get **58, 68.238, 143.827**, and if you desaturate by 10%, it is **58, 56.020, 147.314**.

Distribution



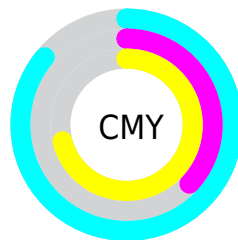
- Red (15%)
- Green (63%)
- Blue (29%)



- Red (15%)
- Yellow (52%)
- Blue (63%)



- Cyan (77%)
- Magenta (0%)
- Yellow (54%)
- Black (37%)



- Cyan (86%)
- Magenta (37%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 62.565, 145.647 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, 62.565, 145.647 by changing the saturation by 10% instead.

 58, 62.565,
145.647

 58, 62.565,
145.647


 100, 62.565,
145.647

 48, 62.565,
145.647


 78, 62.565,
145.647

 38, 62.565,
145.647

 88, 62.565,
145.647

 28, 62.565,
145.647

 98, 62.565,
145.647

 18, 62.565,
145.647

 8, 62.565, 145.647

 0, 62.565, 145.647

■ 58, 62.565,
145.647

■ 58, 62.565,
145.647

■ 58, 68.238,
143.827

■ 58, 56.020,
147.314

■ 57, 73.001,
141.938

■ 59, 48.715,
148.803

■ 57, 74.303,
141.425

■ 60, 40.799,
150.115

■ 61, 32.432,
151.260

■ 62, 23.776,
152.258

■ 63, 14.974,
153.132

■ 65, 6.148, 153.917

■ 66, 2.604, 334.426

■ 68, 11.211,
335.099

Harmonies

Complementary

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



58, 62.565, 145.647



38, 60.424, 341.094

Rectangle

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



58, 62.565, 145.647



58, 62.565, 195.647



58, 62.565, 325.647



58, 62.565, 15.647

Sweetspot

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



58, 62.565, 145.647



79, 24.952, 152.585



61, 63.304, 118.438



41, 17.401, 152.273



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 62.565, 145.647



73, 86.513, 142.551



59, 38.786, 174.857



33, 4.917, 153.746



52, 68.097, 141.633



3, 6.491, 153.729

Inverse Universe

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



38, 60.424, 341.094



47, 78.136, 343.638



36, 53.598, 18.018



31, 4.941, 334.929



31, 60.122, 344.543



1, 6.256, 335.811

Previews

White Background



This preview shows how the CIELCh color 58, 62.565, 145.647 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 CIE LCh color 58, 62.565, 145.647 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, 62.565, 145.647

Background



This preview shows how black text looks on a background with the CIELCh color 58, 62.565, 145.647.



This preview shows how white text looks on a background with the CIELCh color 58, 62.565, 145.647.

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, 62.565, 145.647

Protanopia
58, 40.091, 96.245

Deuteranopia
57, 33.452, 77.299



Tritanopia
58, 24.991, 214.771

Trichromacy



Original Color
58, 62.565, 145.647



Protanomaly
57, 45.245, 125.304



Deuteranomaly
56, 36.707, 121.083



Tritanomaly
58, 34.005, 173.611

Monochromacy



Original Color
58, 62.565, 145.647



Achromatopsia
48, 0.006, 296.813



Achromatomaly
50, 25.472, 151.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 62.565, 145.647 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(37, 160, 74)` looks like.

```
.text, #text, p{  
    color:rgb(37, 160, 74)  
}
```

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(37, 160, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 160, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 62.565, 145.647 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(37, 160, 74) }
```

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

```
.border{ border-color:rgb(37, 160, 74) }
```

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

Here you see how a box with a 4 pixel rgb(37, 160, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 160, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 160, 74);  
box-shadow:4px 4px 4px 4px rgb(37, 160,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 62.565, 145.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 160, 74) }
```

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

```
.background{ background-color: rgb(37, 160,  
74) }
```

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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