

Converting Colors

CIELCh(57, 66.078, 142.379)

Have a look what the booklet for
CIELCh(57, 66.078, 142.379)
contains.

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Color

CIELCh(57, 65.996, 142.351)

Conversions

Conversions Part 1

Format	Color
Hex	269D3D
RGB	38, 157, 61
RGB Percent	15%, 62%, 24%
CMY	0.8500, 0.3837, 0.7602
CMYK	0.76, 0.00, 0.61, 0.38
HSL	132°, 61%, 38%
HSV	132°, 76%, 62%
XYZ	13.7381, 24.9227, 8.5218
YIQ	110.4750, -40.1080, -55.0840

Conversions

Conversions Part 2

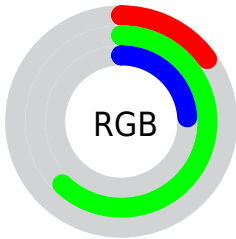
Format	Color
R_{YB}	38, 138, 157
Decimal	2530621
CIE _{Lab}	57.00, -52.25, 40.31
CIE _{LCh}	57, 65.996, 142.351
Yxy	24.9227, 0.2912, 0.5282
Android (android.graphics.Color)	4280720701 (0xFF269D3D)
YUV	110.4750, -24.3912, -63.5606
Hunter-Lab	49.9226, -38.2434, 24.8250

Details

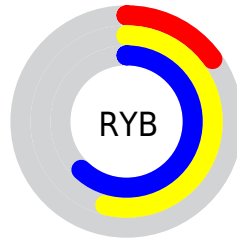
The CIELCh color **57, 65.996, 142.351** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **38, 63.412, 335.388**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 66.126, 142.473**, and **38, 60.613, 136.923** is the 20% darker color. If you saturate the color by 10%, you get **57, 71.935, 140.762**, and if you desaturate by 10%, it is **58, 58.985, 143.858**.

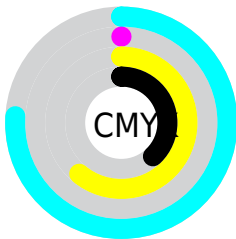
Distribution



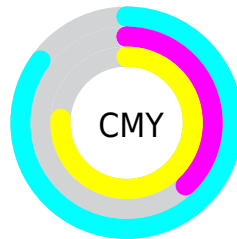
- Red (15%)
- Green (62%)
- Blue (24%)



- Red (15%)
- Yellow (54%)
- Blue (62%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)
- Black (38%)





- Cyan (85%)
- Magenta (38%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 65.996, 142.351 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 57, 65.996, 142.351 by changing the saturation by 10% instead.


 57, 65.996,
142.351


 57, 65.996,
142.351


 100, 65.996,
142.351


 47, 65.996,
142.351


 77, 65.996,
142.351

 37, 65.996,
142.351

 87, 65.996,
142.351

 27, 65.996,
142.351

 97, 65.996,
142.351

 17, 65.996,
142.351

 7, 65.996, 142.351

 0, 65.996, 142.351

■ 57, 65.996,
142.351

■ 57, 65.996,
142.351

■ 57, 71.935,
140.762

■ 58, 58.985,
143.858

■ 56, 76.649,
139.189

■ 58, 51.094,
145.231

■ 56, 78.367,
138.617

■ 59, 42.529,
146.452

■ 60, 33.493,
147.520

■ 61, 24.173,
148.447

■ 62, 14.731,
149.252

■ 64, 5.297, 149.972

■ 66, 4.027, 330.456

■ 67, 13.169,
331.020

Harmonies

Complementary

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



57, 65.996, 142.351



38, 63.412, 335.388

Rectangle

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



57, 65.996, 142.351



57, 65.996, 192.351



57, 65.996, 322.351



57, 65.996, 12.351

Sweetspot

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



57, 65.996, 142.351



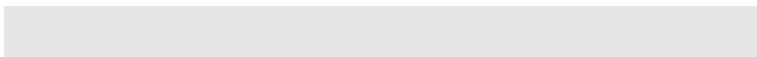
78, 26.788, 148.636



61, 60.314, 112.999



40, 18.496, 148.348



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 65.996, 142.351



72, 91.494, 139.635



58, 42.652, 165.605



33, 5.324, 149.718



51, 72.817, 138.759



3, 6.993, 149.935

Inverse Universe

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



38, 63.412, 335.388



47, 83.190, 336.871



36, 51.270, 8.008



31, 5.340, 330.801



32, 64.807, 337.477



1, 6.787, 331.395

Previews

White Background



This preview shows how the CIELCh color 57, 65.996, 142.351 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 57, 65.996, 142.351 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 57, 65.996, 142.351

Background



This preview shows how black text looks on a background with the CIELCh color 57, 65.996, 142.351.



This preview shows how white text looks on a background with the CIELCh color 57, 65.996, 142.351.

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
57, 65.996, 142.351

Protanopia
57, 44.576, 95.830

Deuteranopia
56, 38.450, 78.668



Tritanopia
57, 23.855, 214.286

Trichromacy



Original Color
57, 65.996, 142.351



Protanomaly
56, 49.119, 122.377



Deuteranomaly
55, 40.951, 117.262



Tritanomaly
57, 34.681, 168.750

Monochromacy



Original Color
57, 65.996, 142.351



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 26.833, 147.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 65.996, 142.351 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(38, 157, 61)` looks like.

```
.text, #text, p{  
    color:rgb(38, 157, 61)  
}
```

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(38, 157, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 157, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 65.996, 142.351 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(38, 157, 61) }
```

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

```
.border{ border-color:rgb(38, 157, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 157, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 157, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 157, 61);  
box-shadow:4px 4px 4px 4px rgb(38, 157,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 65.996, 142.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 157, 61) }
```

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

```
.background{ background-color: rgb(38, 157,  
61) }
```

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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