

Converting Colors

CIELCh(58, 66.484, 146.677)

Have a look what the booklet for
CIELCh(58, 66.484, 146.677)
contains.

CIELCh(58, 66.560, 146.625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 66.560, 146.625)

Conversions

Conversions Part 1

Format	Color
Hex	00A147
RGB	0, 161, 71
RGB Percent	0%, 63%, 28%
CMY	0.9994, 0.3684, 0.7214
CMYK	1.00, 0.00, 0.56, 0.37
HSL	146°, 100%, 32%
HSV	146°, 100%, 63%
XYZ	13.8927, 25.9610, 10.2464
YIQ	102.6010, -67.0660, -62.1220

Conversions

Conversions Part 2

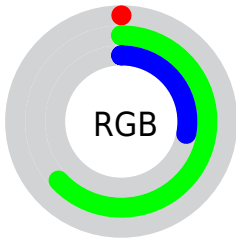
Format	Color
RYB	0, 112, 161
Decimal	41287
CIELab	58.00, -55.58, 36.62
CIELCh	58, 66.560, 146.625
Yxy	25.9610, 0.2773, 0.5182
Android (android.graphics.Color)	4278231367 (0xFF00A147)
YUV	102.6010, -15.5793, -89.9811
Hunter-Lab	50.9519, -40.4955, 23.7432

Details

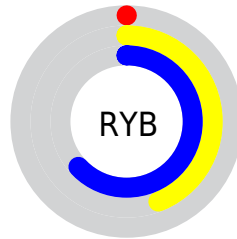
The CIELCh color **58, 66.560, 146.625** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **35, 61.081, 356.044**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 66.453, 146.767**, and **39, 58.802, 139.311** is the 20% darker color. If you saturate the color by 10%, you get **58, 66.599, 146.607**, and if you desaturate by 10%, it is **58, 62.318, 148.714**.

Distribution



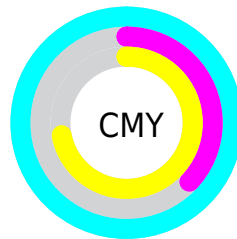
- Red (0%)
- Green (63%)
- Blue (28%)



- Red (0%)
- Yellow (44%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 66.560, 146.625 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, 66.560, 146.625 by changing the saturation by 10% instead.


 58, 66.560,
146.625


 58, 66.560,
146.625


 100, 66.560,
146.625


 48, 66.560,
146.625


 78, 66.560,
146.625

 38, 66.560,
146.625

 88, 66.560,
146.625

 28, 66.560,
146.625

 98, 66.560,
146.625

 18, 66.560,
146.625

 8, 66.560, 146.625

 0, 66.560, 146.625

■ 58, 66.560,
146.625

■ 58, 66.560,
146.625

■ 58, 66.599,
146.607

■ 58, 62.318,
148.714

■ 59, 57.468,
150.731

■ 59, 51.886,
152.555

■ 60, 45.617,
154.177

■ 60, 38.754,
155.608

■ 61, 31.419,
156.866

■ 62, 23.746,
157.976

■ 63, 15.865,

158.961

■ 65, 7.890, 159.851

Harmonies

Complementary

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



58, 66.560, 146.625



35, 61.081, 356.044

Rectangle

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



58, 66.560, 146.625



58, 66.560, 196.625



58, 66.560, 326.625



58, 66.560, 16.625

Sweetspot

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



58, 66.560, 146.625



79, 29.453, 157.907



60, 75.542, 125.486



41, 19.996, 157.482



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, 66.560, 146.625



74, 81.657, 146.150



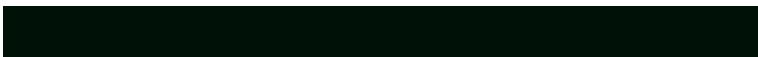
60, 37.630, 186.787



34, 4.554, 159.906



53, 61.499, 146.819



4, 7.303, 158.596

Inverse Universe

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



35, 61.081, 356.044



45, 73.970, 356.812



33, 71.236, 36.950



32, 4.598, 341.256



31, 56.745, 355.737



1, 6.831, 343.286

Previews

White Background



This preview shows how the CIELCh color 58, 66.560, 146.625 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, 66.560, 146.625 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, 66.560, 146.625

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.560, 146.625.

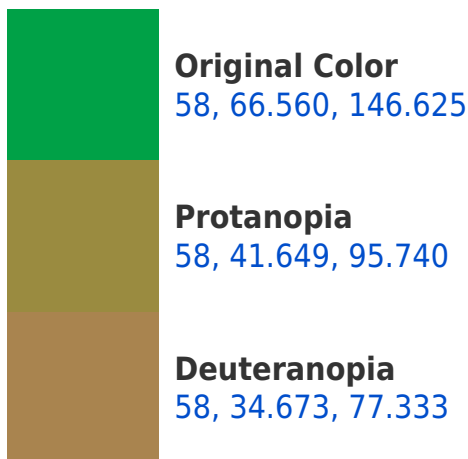



This preview shows how white text looks on a background with the CIELCh color 58, 66.560, 146.625.

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





Tritanopia
58, 26.539, 213.594

Trichromacy



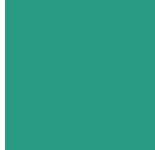
Original Color
58, 66.560, 146.625



Protanomaly
56, 48.316, 130.417



Deuteranomaly
55, 40.016, 127.737



Tritanomaly
58, 37.683, 173.758

Monochromacy



Original Color
58, 66.560, 146.625



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 29.755, 155.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.560, 146.625 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(0, 161, 71)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 71)  
}
```

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(0, 161, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.560, 146.625 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(0, 161, 71) }
```

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

```
.border{ border-color:rgb(0, 161, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 71);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.560, 146.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 71) }
```

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

```
.background{ background-color: rgb(0, 161,  
71) }
```

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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