

Converting Colors

CIELCh(62, 58.177, 142.712)

Have a look what the booklet for
CIELCh(62, 58.177, 142.712)
contains.

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Color

CIELCh(62, 58.292, 142.691)

Conversions

Conversions Part 1

Format	Color
Hex	49A954
RGB	73, 169, 84
RGB Percent	29%, 66%, 33%
CMY	0.7140, 0.3375, 0.6708
CMYK	0.57, 0.00, 0.50, 0.34
HSL	127°, 40%, 47%
HSV	127°, 57%, 66%
XYZ	18.5147, 30.4025, 13.2667
YIQ	130.6060, -29.9310, -46.7870

Conversions

Conversions Part 2

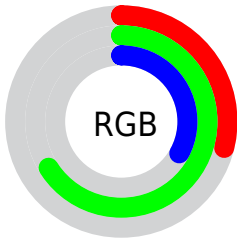
Format	Color
RYB	73, 159, 169
Decimal	4827476
CIELab	62.00, -46.36, 35.33
CIELCh	62, 58.292, 142.691
Yxy	30.4025, 0.2977, 0.4889
Android (android.graphics.Color)	4283017556 (0xFF49A954)
YUV	130.6060, -22.9768, -50.5205
Hunter-Lab	55.1385, -36.5548, 24.3313

Details

The CIELCh color **62, 58.292, 142.691** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **47, 57.668, 331.023**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 58.275, 142.546**, and **42, 58.005, 142.092** is the 20% darker color. If you saturate the color by 10%, you get **61, 66.871, 141.380**, and if you desaturate by 10%, it is **63, 48.837, 143.885**.

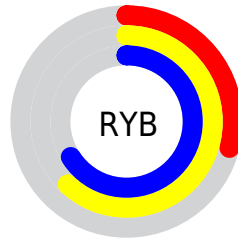
Distribution



Red (29%)

Green (66%)

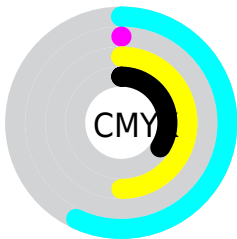
Blue (33%)



Red (29%)

Yellow (62%)

Blue (66%)

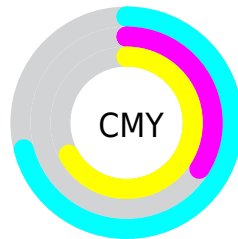


Cyan (57%)

Magenta (0%)

Yellow (50%)

Black (34%)



Cyan (71%)


Magenta (34%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 58.292, 142.691 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 62, 58.292, 142.691 by changing the saturation by 10% instead.


 62, 58.292,
142.691


 62, 58.292,
142.691


 100, 58.292,
142.691


 52, 58.292,
142.691


 82, 58.292,
142.691

 42, 58.292,
142.691

 92, 58.292,
142.691

 32, 58.292,
142.691

 22, 58.292,
142.691

 12, 58.292,
142.691

 2, 58.292, 142.691

 0, 58.292, 142.691

62, 58.292,
142.691

62, 58.292,
142.691

61, 66.871,
141.380

63, 48.837,
143.885

61, 74.283,
140.001

64, 38.776,
144.941

60, 80.237,
138.642

65, 28.350,
145.860

60, 84.511,
137.446

67, 17.759,
146.654

60, 85.553,
137.174

68, 7.166, 147.352

70, 3.307, 327.820

72, 13.574,
328.376

74, 23.578,
328.813

■ 76, 33.282,
329.187

Harmonies

Complementary

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



62, 58.292, 142.691



47, 57.668, 331.023

Rectangle

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



62, 58.292, 142.691



62, 58.292, 192.691



62, 58.292, 322.691



62, 58.292, 12.691

Sweetspot

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



62, 58.293, 142.691



84, 22.183, 146.619



67, 50.416, 109.730



44, 14.824, 146.476



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 58.293, 142.691



78, 83.523, 141.054



63, 39.322, 163.096



35, 5.929, 147.186



53, 77.338, 137.309



5, 10.904, 147.236

Inverse Universe

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



47, 57.668, 331.023



56, 81.342, 331.708



45, 43.559, 356.695



33, 5.942, 328.228



34, 70.481, 333.297



2, 10.478, 329.017

Previews

White Background



This preview shows how the CIELCh color 62, 58.292, 142.691 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 58.292, 142.691 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 58.292, 142.691

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.292, 142.691.

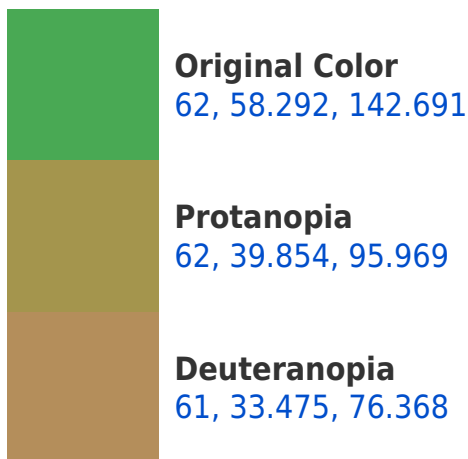


This preview shows how white text looks on a background with the CIELCh color 62, 58.292, 142.691.

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
62, 21.513, 217.784

Trichromacy



Original Color
62, 58.292, 142.691



Protanomaly
61, 42.505, 120.297



Deuteranomaly
61, 35.355, 113.977



Tritanomaly
62, 29.631, 170.921

Monochromacy



Original Color
62, 58.292, 142.691



Achromatopsia
55, 0.007, 296.813



Achromatomaly
57, 22.521, 146.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.292, 142.691 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(73, 169, 84)` looks like.

```
.text, #text, p{  
    color:rgb(73, 169, 84)  
}
```

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(73, 169, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 169, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.292, 142.691 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(73, 169, 84) }
```

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

```
.border{ border-color:rgb(73, 169, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 169, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 169, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 169, 84);  
box-shadow:4px 4px 4px 4px rgb(73, 169,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.292, 142.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 169, 84) }
```

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

```
.background{ background-color: rgb(73, 169,  
84) }
```

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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