

Converting Colors

CIELCh(61, 62.075, 138.561)

Have a look what the booklet for
CIELCh(61, 62.075, 138.561)
contains.

CIELCh(61, 62.004, 138.630)	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(61, 62.004, 138.630)

Conversions

Conversions Part 1

Format	Color
Hex	4BA646
RGB	75, 166, 70
RGB Percent	29%, 65%, 27%
CMY	0.7055, 0.3487, 0.7252
CMYK	0.55, 0.00, 0.58, 0.35
HSL	117°, 41%, 46%
HSV	117°, 58%, 65%
XYZ	17.6698, 29.2481, 10.5220
YIQ	127.8470, -23.4200, -49.1480

Conversions

Conversions Part 2

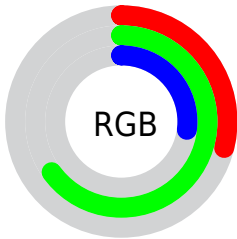
Format	Color
RYB	70, 166, 161
Decimal	4957766
CIELab	61.00, -46.53, 40.98
CIElCh	61, 62.004, 138.630
Yxy	29.2481, 0.3076, 0.5092
Android (android.graphics.Color)	4283147846 (0xFF4BA646)
YUV	127.8470, -28.5186, -46.3468
Hunter-Lab	54.0815, -36.3223, 26.3217

Details

The CIELCh color **61, 62.004, 138.630** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **45, 61.817, 325.716**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 62.208, 138.677**, and **41, 61.948, 138.466** is the 20% darker color. If you saturate the color by 10%, you get **60, 70.670, 137.668**, and if you desaturate by 10%, it is **62, 52.241, 139.596**.

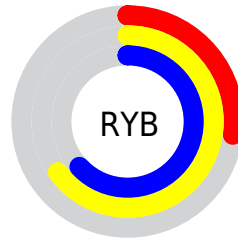
Distribution



Red (29%)

Green (65%)

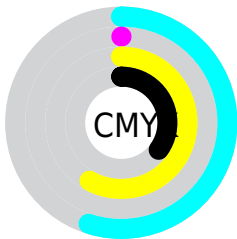
Blue (27%)



Red (27%)

Yellow (65%)

Blue (63%)

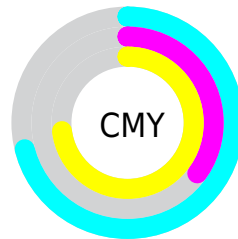


Cyan (55%)

Magenta (0%)

Yellow (58%)

Black (35%)



Cyan (71%)


Magenta (35%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 62.004, 138.630 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 61, 62.004, 138.630 by changing the saturation by 10% instead.


 61, 62.004,
138.630


 61, 62.004,
138.630


 100, 62.004,
138.630


 51, 62.004,
138.630


 81, 62.004,
138.630

 41, 62.004,
138.630

 91, 62.004,
138.630

 31, 62.004,
138.630

 21, 62.004,
138.630

 11, 62.004,
138.630

 1, 62.004, 138.630

 0, 62.004, 138.630

■ 61, 62.004,
138.630

■ 61, 62.004,
138.630

■ 60, 70.670,
137.668

■ 62, 52.241,
139.596

■ 60, 77.804,
136.815

■ 63, 41.752,
140.499

■ 60, 82.971,
136.202

■ 64, 30.836,
141.311

■ 59, 86.050,
135.870

■ 65, 19.726,
142.024

■ 59, 86.600,
135.770

■ 67, 8.601, 142.650

■ 69, 2.411, 323.058

■ 70, 13.217,
323.575

■ 72, 23.759,
323.959

■ 74, 33.999,
324.281

Harmonies

Complementary

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



61, 62.004, 138.630



45, 61.817, 325.716

Rectangle

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



61, 62.004, 138.630



61, 62.004, 188.630



61, 62.004, 318.630



61, 62.004, 8.630

Sweetspot

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



61, 62.005, 138.631



83, 23.388, 142.057



65, 47.581, 101.579



44, 15.778, 141.929



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 62.005, 138.631



77, 88.515, 137.442



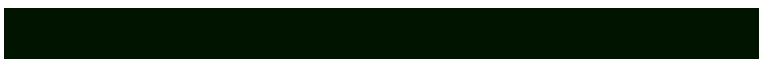
61, 45.619, 154.136



35, 6.311, 142.560



53, 79.488, 135.733



5, 11.504, 143.239

Inverse Universe

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



45, 61.817, 325.716



55, 87.588, 326.063



44, 47.092, 346.019



33, 6.326, 323.487



33, 77.202, 326.221



2, 11.406, 322.475

Previews

White Background



This preview shows how the CIELCh color 61, 62.004, 138.630 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 61, 62.004, 138.630 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 61, 62.004, 138.630

Background



This preview shows how black text looks on a background with the CIELCh color 61, 62.004, 138.630.



This preview shows how white text looks on a background with the CIELCh color 61, 62.004, 138.630.

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

61, 62.004, 138.630

Protanopia

61, 44.984, 95.116

Deuteranopia

60, 38.911, 78.212



Tritanopia
61, 20.167, 217.595

Trichromacy



Original Color
61, 62.004, 138.630



Protanomaly
60, 47.482, 116.728



Deuteranomaly
60, 40.369, 110.614



Tritanomaly
61, 30.118, 165.190

Monochromacy



Original Color
61, 62.004, 138.630



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 24.017, 141.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 62.004, 138.630 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(75, 166, 70)` looks like.

```
.text, #text, p{  
    color:rgb(75, 166, 70)  
}
```

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(75, 166, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 166, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 62.004, 138.630 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(75, 166, 70) }
```

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

```
.border{ border-color:rgb(75, 166, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 166, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 166, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 166, 70);  
box-shadow:4px 4px 4px 4px rgb(75, 166,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 62.004, 138.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 166, 70) }
```

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

```
.background{ background-color: rgb(75, 166,  
70) }
```

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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