

Converting Colors

CIELCh(62, 35.687, 146.603)

Have a look what the booklet for
CIELCh(62, 35.687, 146.603)
contains.

CIELCh(62, 35.601, 146.704)	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(62, 35.601, 146.704)

Conversions

Conversions Part 1

Format	Color
Hex	68A372
RGB	104, 163, 114
RGB Percent	41%, 64%, 45%
CMY	0.5917, 0.3603, 0.5525
CMYK	0.36, 0.00, 0.30, 0.36
HSL	130°, 24%, 52%
HSV	130°, 36%, 64%
XYZ	21.8830, 30.4025, 20.6668
YIQ	139.7730, -19.4350, -27.7470

Conversions

Conversions Part 2

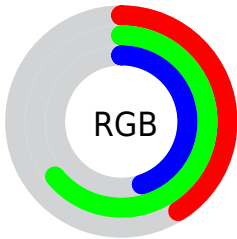
Format	Color
RYB	104, 154, 163
Decimal	6857586
CIELab	62.00, -29.76, 19.54
CIELCh	62, 35.601, 146.704
Yxy	30.4025, 0.3000, 0.4167
Android (android.graphics.Color)	4285047666 (0xFF68A372)
YUV	139.7730, -12.7061, -31.3729
Hunter-Lab	55.1385, -25.6504, 16.3741

Details

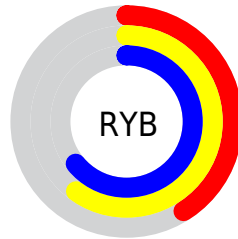
The CIELCh color $62, 35.601, 146.704$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $52, 35.683, 331.708$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $82, 35.529, 146.726$, and $42, 35.529, 146.919$ is the 20% darker color. If you saturate the color by 10%, you get $61, 45.050, 145.635$, and if you desaturate by 10%, it is $63, 25.842, 147.632$.

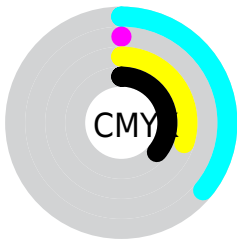
Distribution



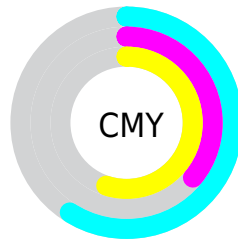
- Red (41%)
- Green (64%)
- Blue (45%)



- Red (41%)
- Yellow (60%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)





- Cyan (59%)
- Magenta (36%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.601, 146.704 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, 35.601, 146.704 by changing the saturation by 10% instead.


 62, 35.601,
146.704


 62, 35.601,
146.704


 100, 35.601,
146.704


 52, 35.601,
146.704


 82, 35.601,
146.704

 42, 35.601,
146.704

 92, 35.601,
146.704

 32, 35.601,
146.704

 22, 35.601,
146.704

 12, 35.601,
146.704

 2, 35.601, 146.704

 0, 35.601, 146.704

■ 62, 35.601,
146.704

■ 62, 35.601,
146.704

■ 61, 45.050,
145.635

■ 63, 25.842,
147.632

■ 60, 53.980,
144.416

■ 65, 15.944,
148.436

■ 59, 62.169,
143.052

■ 66, 6.050, 149.150

■ 59, 69.385,
141.572

■ 68, 3.730, 329.631

■ 69, 13.320,
330.194

■ 59, 75.409,
140.037

■ 71, 22.666,
330.649

■ 58, 80.065,
138.562

■ 73, 31.736,
331.043

■ 58, 81.532,
138.104

■ 76, 40.514,
331.389

■ 78, 48.995,
331.696

Harmonies

Complementary

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



62, 35.601, 146.704



52, 35.683, 331.708

Rectangle

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



62, 35.601, 146.704



62, 35.601, 196.704



62, 35.601, 326.704



62, 35.601, 16.704

Sweetspot

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



62, 35.602, 146.704



83, 13.373, 148.798



65, 32.344, 114.134



44, 9.064, 148.706



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 35.602, 146.704



78, 51.998, 145.903



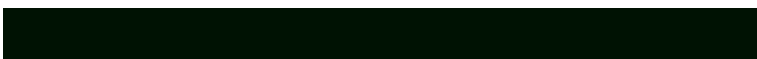
63, 24.128, 170.088



34, 5.559, 148.934



52, 74.648, 138.257



4, 8.722, 148.959

Inverse Universe

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



52, 35.683, 331.708



63, 51.997, 332.202



51, 26.482, 357.741



32, 5.574, 330.006



33, 66.773, 336.171



1, 8.361, 330.976

Previews

White Background



This preview shows how the CIELCh color 62, 35.601, 146.704 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 CIE LCh color 62, 35.601, 146.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

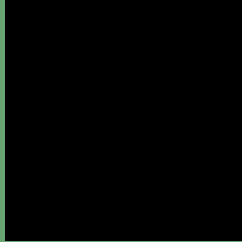
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.601, 146.704

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.601, 146.704.



This preview shows how white text looks on a background with the CIELCh color 62, 35.601, 146.704.

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
62, 35.601, 146.704

Protanopia
62, 23.285, 95.932

Deuteranopia
62, 19.401, 65.788



Tritanopia
62, 15.553, 226.509

Trichromacy



Original Color
62, 35.601, 146.704

Protanomaly
61, 25.053, 120.908

Deuteranomaly
61, 18.382, 109.400

Tritanomaly
62, 18.315, 179.851

Monochromacy



Original Color
62, 35.601, 146.704

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 12.713, 149.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.601, 146.704 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(104, 163, 114)` looks like.

```
.text, #text, p{  
    color:rgb(104, 163, 114)  
}
```

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(104, 163, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 163, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.601, 146.704 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(104, 163, 114) }
```

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

```
.border{ border-color:rgb(104, 163, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 163, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 163, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 163, 114);  
box-shadow:4px 4px 4px 4px rgb(104, 163,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.601, 146.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 163, 114) }
```

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

```
.background{ background-color: rgb(104,  
163, 114) }
```

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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