

Converting Colors

CIELCh(62, 41.268, 142.942)

Have a look what the booklet for
CIELCh(62, 41.268, 142.942)
contains.

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Color

CIELCh(62, 41.314, 142.886)

Conversions

Conversions Part 1

Format	Color
Hex	65A468
RGB	101, 164, 104
RGB Percent	40%, 64%, 41%
CMY	0.6032, 0.3561, 0.5914
CMYK	0.38, 0.00, 0.37, 0.36
HSL	123°, 26%, 52%
HSV	123°, 38%, 64%
XYZ	21.2071, 30.4025, 17.8958
YIQ	138.3230, -18.2880, -32.0160

Conversions

Conversions Part 2

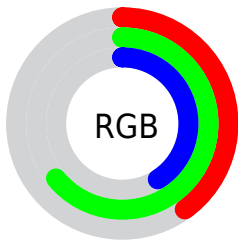
Format	Color
RYB	101, 161, 164
Decimal	6661224
CIELab	62.00, -32.95, 24.93
CIElCh	62, 41.314, 142.886
Yxy	30.4025, 0.3051, 0.4374
Android (android.graphics.Color)	4284851304 (0xFF65A468)
YUV	138.3230, -16.9212, -32.7323
Hunter-Lab	55.1385, -27.8387, 19.3537

Details

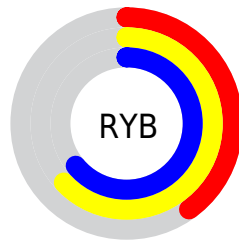
The CIELCh color **62, 41.314, 142.886** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **52, 41.259, 327.829**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 41.036, 143.180**, and **42, 41.530, 142.923** is the 20% darker color. If you saturate the color by 10%, you get **61, 51.498, 141.849**, and if you desaturate by 10%, it is **63, 30.693, 143.799**.

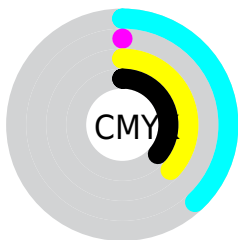
Distribution



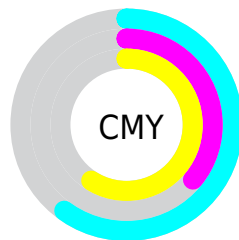
- Red (40%)
- Green (64%)
- Blue (41%)



- Red (40%)
- Yellow (63%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (36%)





- Cyan (60%)
- Magenta (36%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.314, 142.886 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, 41.314, 142.886 by changing the saturation by 10% instead.


 62, 41.314,
142.886


 62, 41.314,
142.886


 100, 41.314,
142.886


 52, 41.314,
142.886


 82, 41.314,
142.886

 42, 41.314,
142.886


 92, 41.314,
142.886

 32, 41.314,
142.886

 22, 41.314,
142.886

 12, 41.314,
142.886

 2, 41.314, 142.886

 0, 41.314, 142.886

■ 62, 41.314,
142.886

■ 62, 41.314,
142.886

■ 61, 51.498,
141.849

■ 63, 30.693,
143.799

■ 60, 60.960,
140.702

■ 65, 19.863,
144.589

■ 60, 69.373,
139.491

■ 66, 9.005, 145.276

■ 59, 76.372,
138.300

■ 68, 1.745, 325.691

■ 59, 81.597,
137.252

■ 70, 12.292,
326.293

■ 59, 84.852,
136.523

■ 72, 22.571,
326.718

■ 59, 85.240,
136.458

■ 74, 32.544,
327.078

■ 76, 42.192,
327.385

■ 78, 51.510,
327.649

Harmonies

Complementary

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



62, 41.314, 142.886



52, 41.259, 327.829

Rectangle

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



62, 41.314, 142.886



62, 41.314, 192.886



62, 41.314, 322.886



62, 41.314, 12.886

Sweetspot

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



62, 41.315, 142.886



83, 16.065, 145.021



66, 34.119, 108.060



44, 10.644, 144.939



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, 41.315, 142.886



78, 60.934, 142.014



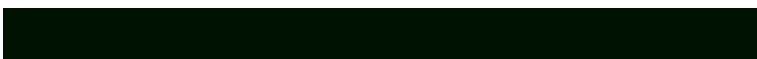
63, 28.510, 161.752



34, 6.058, 145.218



52, 77.818, 136.527



4, 9.422, 145.613

Inverse Universe

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



52, 41.259, 327.829



63, 60.673, 328.265



51, 30.086, 349.335



32, 6.068, 326.222



34, 73.296, 330.175



2, 9.297, 326.166

Previews

White Background



This preview shows how the CIELCh color 62, 41.314, 142.886 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, 41.314, 142.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

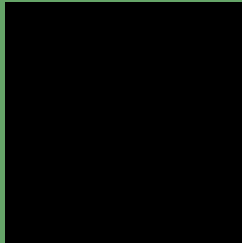
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.314, 142.886

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.314, 142.886.



This preview shows how white text looks on a background with the CIELCh color 62, 41.314, 142.886.

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, 41.314, 142.886

Protanopia
62, 28.816, 95.627

Deuteranopia
62, 24.031, 71.496



Tritanopia
62, 15.823, 225.967

Trichromacy



Original Color
62, 41.314, 142.886

Protanomaly
62, 30.899, 118.673

Deuteranomaly
61, 24.394, 109.421

Tritanomaly
62, 19.937, 174.329

Monochromacy



Original Color
62, 41.314, 142.886

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 15.461, 144.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.314, 142.886 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(101, 164, 104)` looks like.

```
.text, #text, p{  
    color:rgb(101, 164, 104)  
}
```

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(101, 164, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 164, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.314, 142.886 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(101, 164, 104) }
```

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

```
.border{ border-color:rgb(101, 164, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 164, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 164, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 164, 104);  
box-shadow:4px 4px 4px 4px rgb(101, 164,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.314, 142.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 164, 104) }
```

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

```
.background{ background-color: rgb(101,  
164, 104) }
```

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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