

Converting Colors

CIELCh(61, 41.319, 141.730)

Have a look what the booklet for
CIELCh(61, 41.319, 141.730)
contains.

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Color

CIELCh(61, 41.460, 141.685)

Conversions

Conversions Part 1

Format	Color
Hex	64A164
RGB	100, 161, 100
RGB Percent	39%, 63%, 39%
CMY	0.6067, 0.3674, 0.6067
CMYK	0.38, 0.00, 0.38, 0.37
HSL	120°, 25%, 51%
HSV	120°, 38%, 63%
XYZ	20.4004, 29.2481, 16.6986
YIQ	135.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

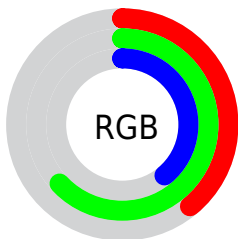
Format	Color
RYB	100, 161, 161
Decimal	6594916
CIELab	61.00, -32.53, 25.70
CIElCh	61, 41.460, 141.685
Yxy	29.2481, 0.3075, 0.4408
Android (android.graphics.Color)	4284784996 (0xFF64A164)
YUV	135.8070, -17.6529, -31.4027
Hunter-Lab	54.0815, -27.3099, 19.5503

Details

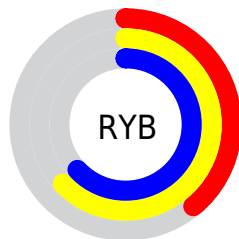
The CIELCh color **61, 41.460, 141.685** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **51, 41.406, 326.424**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 41.589, 141.609**, and **41, 41.698, 141.715** is the 20% darker color. If you saturate the color by 10%, you get **60, 51.813, 140.684**, and if you desaturate by 10%, it is **62, 30.648, 142.574**.

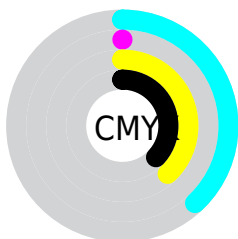
Distribution



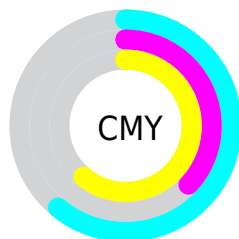
- Red (39%)
- Green (63%)
- Blue (39%)



- Red (39%)
- Yellow (63%)
- Blue (63%)



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





- Cyan (61%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 41.460, 141.685 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, 41.460, 141.685 by changing the saturation by 10% instead.


 61, 41.460,
141.685


 61, 41.460,
141.685


 100, 41.460,
141.685


 51, 41.460,
141.685


 81, 41.460,
141.685

 41, 41.460,
141.685

 91, 41.460,
141.685

 31, 41.460,
141.685

 21, 41.460,
141.685

 11, 41.460,
141.685

 1, 41.460, 141.685

 0, 41.460, 141.685

■ 61, 41.460,
141.685

■ 61, 41.460,
141.685

■ 60, 51.813,
140.684

■ 62, 30.648,
142.574

■ 59, 61.395,
139.594

■ 64, 19.622,
143.346

■ 59, 69.834,
138.479

■ 65, 8.571, 144.017

■ 58, 76.707,
137.445

■ 67, 2.364, 324.457

■ 58, 81.604,
136.629

■ 69, 13.086,
325.006

■ 58, 84.488,
136.117

■ 71, 23.530,
325.414

■ 58, 85.041,
136.015

■ 73, 33.660,
325.757

■ 75, 43.456,
326.048

■ 77, 52.916,
326.296

Harmonies

Complementary

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



61, 41.460, 141.685



51, 41.406, 326.424

Rectangle

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



61, 41.460, 141.685



61, 41.460, 191.685



61, 41.460, 321.685



61, 41.460, 11.685

Sweetspot

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



61, 41.461, 141.685



82, 14.907, 143.799



65, 32.662, 105.879



43, 10.003, 143.717



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 41.461, 141.685



76, 60.393, 140.891



62, 28.874, 159.197



34, 6.257, 143.925



52, 78.791, 136.015



4, 9.702, 144.438

Inverse Universe

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



51, 41.406, 326.424



62, 60.184, 326.805



50, 30.072, 346.308



32, 6.267, 324.913



34, 76.022, 328.225



2, 9.703, 324.432

Previews

White Background



This preview shows how the CIELCh color 61, 41.460, 141.685 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 61, 41.460, 141.685 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, 41.460, 141.685

Background



This preview shows how black text looks on a background with the CIELCh color 61, 41.460, 141.685.



This preview shows how white text looks on a background with the CIELCh color 61, 41.460, 141.685.

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, 41.460, 141.685

Protanopia
61, 29.444, 95.671

Deuteranopia
61, 24.885, 71.277



Tritanopia
61, 15.305, 227.127

Trichromacy



Original Color
61, 41.460, 141.685

Protanomaly
61, 31.426, 117.653

Deuteranomaly
60, 25.006, 108.296

Tritanomaly
61, 19.389, 173.577

Monochromacy



Original Color
61, 41.460, 141.685

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 15.289, 143.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 41.460, 141.685 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(100, 161, 100)` looks like.

```
.text, #text, p{  
    color:rgb(100, 161, 100)  
}
```

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(100, 161, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 161, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 41.460, 141.685 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(100, 161, 100) }
```

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

```
.border{ border-color:rgb(100, 161, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 161, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 161, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 161, 100);  
box-shadow:4px 4px 4px 4px rgb(100, 161,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 41.460, 141.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 161, 100) }
```

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

```
.background{ background-color: rgb(100,  
161, 100) }
```

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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