

Converting Colors

CIELCh(61, 51.288, 149.968)

Have a look what the booklet for
CIELCh(61, 51.288, 149.968)
contains.

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Color

CIELCh(61, 51.294, 149.963)

Conversions

Conversions Part 1

Format	Color
Hex	41A664
RGB	65, 166, 100
RGB Percent	25%, 65%, 39%
CMY	0.7458, 0.3496, 0.6084
CMYK	0.61, 0.00, 0.40, 0.35
HSL	141°, 44%, 45%
HSV	141°, 61%, 65%
XYZ	18.0677, 29.2481, 16.7121
YIQ	128.2770, -39.0100, -41.9380

Conversions

Conversions Part 2

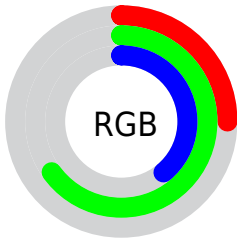
Format	Color
RYB	65, 140, 166
Decimal	4302436
CIELab	61.00, -44.41, 25.68
CIELCh	61, 51.294, 149.963
Yxy	29.2481, 0.2822, 0.4568
Android (android.graphics.Color)	4282492516 (0xFF41A664)
YUV	128.2770, -13.9406, -55.4939
Hunter-Lab	54.0815, -35.0091, 19.5355

Details

The CIELCh color $61, 51.294, 149.963$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $43, 51.644, 341.576$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 51.590, 149.795$, and $41, 49.692, 148.322$ is the 20% darker color. If you saturate the color by 10%, you get $60, 58.252, 148.362$, and if you desaturate by 10%, it is $62, 43.674, 151.376$.

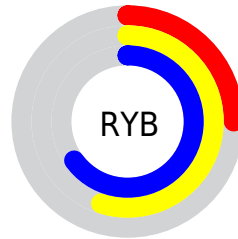
Distribution



Red (25%)

Green (65%)

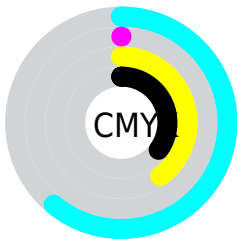
Blue (39%)



Red (25%)

Yellow (55%)

Blue (65%)

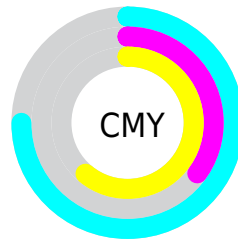


Cyan (61%)

Magenta (0%)

Yellow (40%)

Black (35%)



Cyan (75%)


Magenta (35%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 51.294, 149.963 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, 51.294, 149.963 by changing the saturation by 10% instead.


 61, 51.294,
149.963


 61, 51.294,
149.963


 100, 51.294,
149.963


 51, 51.294,
149.963


 81, 51.294,
149.963

 41, 51.294,
149.963

 91, 51.294,
149.963

 31, 51.294,
149.963

 21, 51.294,
149.963

 11, 51.294,
149.963

 1, 51.294, 149.963

 0, 51.294, 149.963

■ 61, 51.294,
149.963

■ 61, 51.294,
149.963

■ 60, 58.252,
148.362

■ 62, 43.674,
151.376

■ 60, 64.424,
146.575

■ 63, 35.537,
152.612

■ 60, 69.739,
144.627

■ 64, 27.042,
153.693

■ 59, 73.910,
142.853

■ 65, 18.336,
154.640

■ 66, 9.550, 155.482

■ 68, 0.790, 156.568

■ 70, 7.860, 336.787

■ 71, 16.341,
337.387

■ 73, 24.611,
337.915

Harmonies

Complementary

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



61, 51.294, 149.963



43, 51.644, 341.576

Rectangle

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



61, 51.294, 149.963



61, 51.294, 199.963



61, 51.294, 329.963



61, 51.294, 19.963

Sweetspot

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



61, 51.295, 149.963



83, 19.620, 154.866



64, 54.685, 120.014



44, 13.745, 154.619



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, 51.295, 149.963



77, 73.817, 147.766



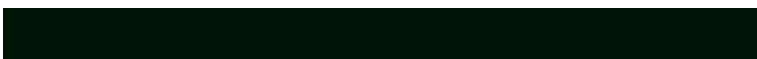
62, 33.344, 179.985



35, 5.008, 155.612



53, 67.621, 143.069



5, 9.451, 154.229

Inverse Universe

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



43, 51.644, 341.576



52, 72.442, 343.365



42, 44.660, 15.265



33, 5.039, 336.857



32, 60.001, 348.002



2, 8.629, 339.782

Previews

White Background



This preview shows how the CIELCh color 61, 51.294, 149.963 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, 51.294, 149.963 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, 51.294, 149.963

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.294, 149.963.



This preview shows how white text looks on a background with the CIELCh color 61, 51.294, 149.963.

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, 51.294, 149.963

Protanopia
61, 30.503, 95.903

Deuteranopia
60, 24.141, 71.419



Tritanopia
61, 23.155, 216.223

Trichromacy



Original Color
61, 51.294, 149.963



Protanomaly
60, 34.105, 126.714



Deuteranomaly
59, 25.830, 121.423



Tritanomaly
61, 29.054, 178.650

Monochromacy



Original Color
61, 51.294, 149.963



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 20.044, 154.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.294, 149.963 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(65, 166, 100)` looks like.

```
.text, #text, p{  
    color:rgb(65, 166, 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(65, 166, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 166, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.294, 149.963 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(65, 166, 100) }
```

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

```
.border{ border-color:rgb(65, 166, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 166, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 166, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 166, 100);  
box-shadow:4px 4px 4px 4px rgb(65, 166,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.294, 149.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 166, 100) }
```

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

```
.background{ background-color: rgb(65, 166,  
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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