

Converting Colors

CIELCh(61, 43.609, 114.643)

Have a look what the booklet for
CIELCh(61, 43.609, 114.643)
contains.

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Color

CIELCh(61, 43.609, 114.643)

Conversions

Conversions Part 1

Format	Color
Hex	8B9B4B
RGB	139, 155, 75
RGB Percent	55%, 61%, 29%
CMY	0.4567, 0.3939, 0.7075
CMYK	0.10, 0.00, 0.52, 0.39
HSL	72°, 35%, 45%
HSV	72°, 52%, 61%
XYZ	23.4761, 29.2481, 10.9905
YIQ	141.0960, 16.1440, -28.2720

Conversions

Conversions Part 2

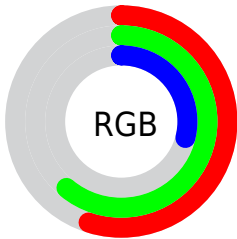
Format	Color
RYB	75, 155, 91
Decimal	9149259
CIELab	61.00, -18.18, 39.64
CIElCh	61, 43.609, 114.643
Yxy	29.2481, 0.3685, 0.4590
Android (android.graphics.Color)	4287339339 (0xFF8B9B4B)
YUV	141.0960, -32.5853, -1.8382
Hunter-Lab	54.0815, -17.1580, 25.8081

Details

The CIELCh color $61, 43.609, 114.643$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $37, 49.502, 302.822$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 43.337, 114.459$, and $41, 43.485, 114.696$ is the 20% darker color. If you saturate the color by 10%, you get $61, 50.976, 114.168$, and if you desaturate by 10%, it is $61, 35.668, 115.231$.

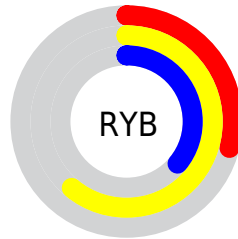
Distribution



Red (55%)

Green (61%)

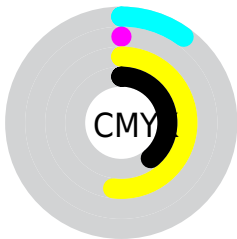
Blue (29%)



Red (29%)

Yellow (61%)

Blue (36%)

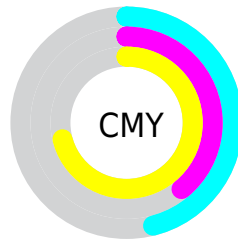


Cyan (10%)

Magenta (0%)

Yellow (52%)

Black (39%)



Cyan (46%)


Magenta (39%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 43.609, 114.643 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, 43.609, 114.643 by changing the saturation by 10% instead.


 61, 43.609,
114.643


 61, 43.609,
114.643


 100, 43.609,
114.643


 51, 43.609,
114.643


 81, 43.609,
114.643

 41, 43.609,
114.643

 91, 43.609,
114.643

 31, 43.609,
114.643

 21, 43.609,
114.643

 11, 43.609,
114.643

 1, 43.609, 114.643

 0, 43.609, 114.643

61, 43.609,
114.643

61, 43.609,
114.643

61, 50.976,
114.168

61, 35.668,
115.231

60, 57.463,
113.866

62, 27.364,
115.877

60, 62.695,
113.824

62, 18.844,
116.550

60, 66.319,
114.126

63, 10.204,
117.226

59, 68.389,
114.566

64, 1.509, 117.894

64, 7.195, 298.526

65, 15.877,
299.138

66, 24.514,
299.717

■ 67, 33.088,
300.260

Harmonies

Complementary

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



61, 43.609, 114.643



37, 49.502, 302.822

Rectangle

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



61, 43.609, 114.643



61, 43.609, 164.643



61, 43.609, 294.643



61, 43.609, 344.643

Sweetspot

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



61, 43.610, 114.645



80, 17.238, 116.917



45, 31.940, 39.886



42, 11.724, 116.788



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 43.610, 114.645



77, 63.281, 114.110



58, 49.287, 133.159



32, 4.872, 117.395



54, 63.679, 114.475



3, 5.295, 118.515

Inverse Universe

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



37, 49.502, 302.822



42, 74.636, 304.239



41, 51.111, 317.834



30, 4.969, 298.640



16, 84.282, 307.415



0, 5.287, 297.870

Previews

White Background



This preview shows how the CIELCh color 61, 43.609, 114.643 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, 43.609, 114.643 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, 43.609, 114.643

Background



This preview shows how black text looks on a background with the CIELCh color 61, 43.609, 114.643.



This preview shows how white text looks on a background with the CIELCh color 61, 43.609, 114.643.

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, 43.609, 114.643

Protanopia

61, 41.494, 95.428

Deuteranopia

61, 39.339, 78.522



Tritanopia
61, 6.257, 297.787

Trichromacy



Original Color
61, 43.609, 114.643

Protanomaly
61, 41.715, 102.979

Deuteranomaly
61, 38.501, 92.275

Tritanomaly
61, 12.421, 116.283

Monochromacy



Original Color
61, 43.609, 114.643

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 16.457, 116.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 43.609, 114.643 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(139, 155, 75)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 75)  
}
```

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(139, 155, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 43.609, 114.643 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(139, 155, 75) }
```

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

```
.border{ border-color:rgb(139, 155, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 75);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 43.609, 114.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 75) }
```

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

```
.background{ background-color: rgb(139,  
155, 75) }
```

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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