

Converting Colors

CIELCh(43, 61.127, 130.074)

Have a look what the booklet for
CIELCh(43, 61.127, 130.074)
contains.

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Color

CIELCh(43, 61.219, 130.176)

Conversions

Conversions Part 1

Format	Color
Hex	317404
RGB	49, 116, 4
RGB Percent	19%, 45%, 2%
CMY	0.8078, 0.5450, 0.9842
CMYK	0.58, 0.00, 0.97, 0.55
HSL	96°, 93%, 24%
HSV	96°, 97%, 45%
XYZ	7.5375, 13.1578, 2.2581
YIQ	83.1990, -3.9800, -49.0360

Conversions

Conversions Part 2

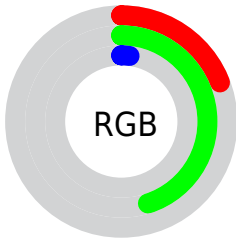
Format	Color
R_{YB}	4, 116, 71
Decimal	3240964
CIE _{Lab}	43.00, -39.49, 46.78
CIE _{LCh}	43, 61.219, 130.176
Yxy	13.1578, 0.3284, 0.5732
Android (android.graphics.Color)	4281431044 (0xFF317404)
YUV	83.1990, -39.0451, -29.9925
Hunter-Lab	36.2736, -26.3874, 21.7006

Details

The CIELCh color **43, 61.219, 130.176** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **19, 66.640, 314.875**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 61.396, 130.121**, and **24, 45.498, 136.491** is the 20% darker color. If you saturate the color by 10%, you get **43, 62.410, 130.288**, and if you desaturate by 10%, it is **43, 57.709, 129.691**.

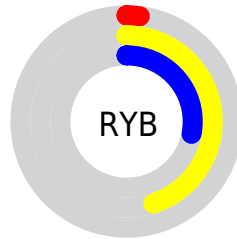
Distribution



Red (19%)

Green (45%)

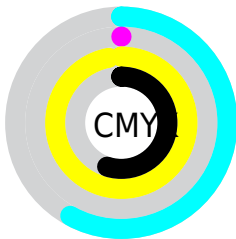
Blue (2%)



Red (2%)

Yellow (45%)

Blue (28%)

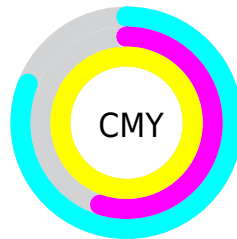


Cyan (58%)

Magenta (0%)

Yellow (97%)

Black (55%)



Cyan (81%)


Magenta (55%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 61.219, 130.176 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 43, 61.219, 130.176 by changing the saturation by 10% instead.


 43, 61.219,
130.176


 43, 61.219,
130.176


 100, 61.219,
130.176


 33, 61.219,
130.176


 63, 61.219,
130.176


 23, 61.219,
130.176


 73, 61.219,
130.176

 13, 61.219,
130.176

 83, 61.219,
130.176

 3, 61.219, 130.176

 93, 61.219,
130.176

 0, 61.219, 130.176

 43, 61.219,

 43, 61.219,

130.176

■ 43, 62.410,
130.288

130.176

■ 43, 57.709,
129.691

■ 44, 53.115,
129.502

■ 44, 47.487,
129.620

■ 45, 41.114,
129.934

■ 45, 34.243,
130.355

■ 46, 27.063,
130.822

■ 47, 19.708,
131.295

■ 47, 12.274,
131.753

Harmonies

Complementary

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



43, 61.219, 130.176



19, 66.640, 314.875

Rectangle

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



43, 61.219, 130.176



43, 61.219, 180.176



43, 61.219, 310.176



43, 61.219, 0.176

Sweetspot

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



43, 61.219, 130.177



59, 26.647, 131.144



34, 44.846, 69.939



31, 18.410, 130.982



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 61.219, 130.177



55, 75.631, 130.678



42, 64.159, 137.380



24, 4.210, 132.080



45, 64.908, 130.377



88, 111.059, 131.206

Inverse Universe

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



19, 66.640, 314.875



25, 82.320, 314.537



26, 59.952, 331.563



23, 4.253, 312.771



19, 70.771, 314.747



43, 120.524, 314.157

Previews

White Background



This preview shows how the CIELCh color 43, 61.219, 130.176 looks on a white 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

Black Background



This preview shows how the CIE LCh color 43, 61.219, 130.176 looks on a black 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

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

CIELCh 43, 61.219, 130.176

Background



This preview shows how black text looks on a background with the CIELCh color 43, 61.219, 130.176.



This preview shows how white text looks on a background with the CIELCh color 43, 61.219, 130.176.

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

43, 61.219, 130.176

Protanopia

43, 49.571, 95.294

Deuteranopia

43, 43.381, 82.914



Tritanopia
43, 15.146, 219.025

Trichromacy



Original Color
43, 61.219, 130.176

Protanomaly
42, 51.279, 111.586

Deuteranomaly
42, 45.462, 105.940

Tritanomaly
43, 29.385, 150.904

Monochromacy



Original Color
43, 61.219, 130.176

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 26.939, 130.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 61.219, 130.176 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(49, 116, 4)` looks like.

```
.text, #text, p{  
    color:rgb(49, 116, 4)  
}
```

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(49, 116, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 116, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 61.219, 130.176 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(49, 116, 4) }
```

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

```
.border{ border-color:rgb(49, 116, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 116, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 116, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 116, 4);  
box-shadow:4px 4px 4px 4px rgb(49, 116, 4)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 61.219, 130.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 116, 4) }
```

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

```
.background{ background-color: rgb(49, 116,  
4) }
```

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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