

Converting Colors

CIELCh(43, 46.229, 115.615)

Have a look what the booklet for
CIELCh(43, 46.229, 115.615)
contains.

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Color

CIELCh(43, 46.196, 115.612)

Conversions

Conversions Part 1

Format	Color
Hex	596D19
RGB	89, 109, 25
RGB Percent	35%, 43%, 10%
CMY	0.6506, 0.5722, 0.9015
CMYK	0.18, 0.00, 0.77, 0.57
HSL	74°, 63%, 26%
HSV	74°, 77%, 43%
XYZ	9.7853, 13.1578, 2.9497
YIQ	93.4440, 15.0440, -30.3640

Conversions

Conversions Part 2

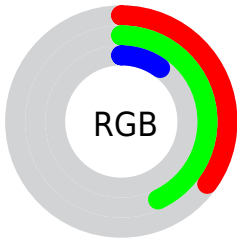
Format	Color
RYB	25, 109, 45
Decimal	5860633
CIELab	43.00, -19.97, 41.66
CIElCh	43, 46.196, 115.612
Yxy	13.1578, 0.3779, 0.5082
Android (android.graphics.Color)	4284050713 (0xFF596D19)
YUV	93.4440, -33.7429, -3.8974
Hunter-Lab	36.2736, -15.3262, 20.5701

Details

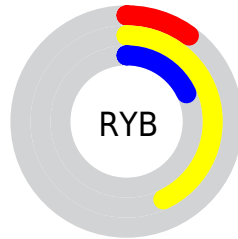
The CIELCh color $43, 46.196, 115.612$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $17, 56.157, 306.311$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 46.623, 115.982$, and $23, 36.072, 120.614$ is the 20% darker color. If you saturate the color by 10%, you get $43, 49.913, 115.720$, and if you desaturate by 10%, it is $43, 41.501, 115.787$.

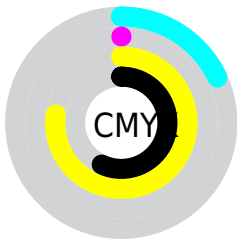
Distribution



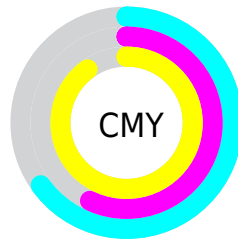
- Red (35%)
- Green (43%)
- Blue (10%)



- Red (10%)
- Yellow (43%)
- Blue (18%)



- Cyan (18%)
- Magenta (0%)
- Yellow (77%)
- Black (57%)





- Cyan (65%)
- Magenta (57%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 46.196, 115.612 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, 46.196, 115.612 by changing the saturation by 10% instead.


 43, 46.196,
115.612


 43, 46.196,
115.612


 100, 46.196,
115.612

 33, 46.196,
115.612

 63, 46.196,
115.612

 23, 46.196,
115.612

 73, 46.196,
115.612

 13, 46.196,
115.612

 83, 46.196,
115.612

 3, 46.196, 115.612

 93, 46.196,
115.612

 0, 46.196, 115.612

 43, 46.196,

 43, 46.196,

115.612

■ 43, 49.913,
115.720

■ 43, 52.715,
116.079

■ 42, 53.577,
116.166

115.612

■ 43, 41.501,
115.787

■ 44, 36.096,
116.157

■ 44, 30.211,
116.651

■ 44, 24.017,
117.219

■ 45, 17.631,
117.822

■ 45, 11.135,
118.436

■ 46, 4.583, 119.046

■ 46, 1.988, 299.623

Harmonies

Complementary

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



43, 46.196, 115.612



17, 56.157, 306.311

Rectangle

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



43, 46.196, 115.612



43, 46.196, 165.612



43, 46.196, 295.612



43, 46.196, 345.612

Sweetspot

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



43, 46.196, 115.614



58, 18.767, 118.027



27, 37.876, 43.876



29, 12.885, 117.857



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 46.196, 115.614



55, 63.018, 116.036



41, 52.795, 133.105



22, 3.632, 118.927



46, 56.439, 116.263



90, 97.467, 116.974

Inverse Universe

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



17, 56.157, 306.311



19, 80.637, 307.451



23, 54.623, 319.282



20, 3.698, 300.010



13, 73.554, 307.933



33, 127.377, 307.480

Previews

White Background



This preview shows how the CIELCh color 43, 46.196, 115.612 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 CIELCh color 43, 46.196, 115.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

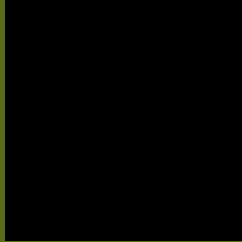
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 46.196, 115.612

Background



This preview shows how black text looks on a background with the CIELCh color 43, 46.196, 115.612.



This preview shows how white text looks on a background with the CIELCh color 43, 46.196, 115.612.

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, 46.196, 115.612

Protanopia

43, 43.426, 95.892

Deuteranopia

43, 40.543, 81.950



Tritanopia
43, 5.037, 272.511

Trichromacy



Original Color
43, 46.196, 115.612

Protanomaly
43, 43.815, 103.773

Deuteranomaly
43, 40.618, 95.738

Tritanomaly
43, 16.095, 123.748

Monochromacy



Original Color
43, 46.196, 115.612

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 18.237, 117.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 46.196, 115.612 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(89, 109, 25)` looks like.

```
.text, #text, p{  
    color:rgb(89, 109, 25)  
}
```

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(89, 109, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 109, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 46.196, 115.612 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(89, 109, 25) }
```

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

```
.border{ border-color:rgb(89, 109, 25) }
```

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

Here you see how a box with a 4 pixel rgb(89, 109, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 109, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 109, 25);  
box-shadow:4px 4px 4px 4px rgb(89, 109,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 46.196, 115.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 109, 25) }
```

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

```
.background{ background-color: rgb(89, 109,  
25) }
```

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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