

Converting Colors

CIELCh(44, 17.732, 107.602)

Have a look what the booklet for
CIELCh(44, 17.732, 107.602)
contains.

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Color

CIELCh(44, 17.732, 107.602)

Conversions

Conversions Part 1

Format	Color
Hex	6A6A4C
RGB	106, 106, 76
RGB Percent	42%, 42%, 30%
CMY	0.5851, 0.5851, 0.7027
CMYK	0.00, 0.00, 0.28, 0.59
HSL	60°, 17%, 36%
HSV	60°, 28%, 41%
XYZ	12.3515, 13.8382, 8.8230
YIQ	102.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

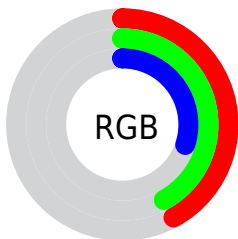
Format	Color
R_{YB}	76, 106, 76
Decimal	6974028
CIE _{Lab}	44.00, -5.36, 16.90
CIE _{LCh}	44, 17.732, 107.602
Yxy	13.8382, 0.3528, 0.3952
Android (android.graphics.Color)	4285164108 (0xFF6A6A4C)
YUV	102.5800, -13.1039, 2.9993
Hunter-Lab	37.1997, -5.8318, 11.9774

Details

The CIELCh color $44, 17.732, 107.602$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33, 18.898, 293.375$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.683, 106.918$, and $24, 18.061, 107.889$ is the 20% darker color. If you saturate the color by 10%, you get $44, 23.815, 106.709$, and if you desaturate by 10%, it is $44, 11.528, 108.517$.

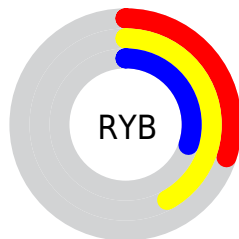
Distribution



Red (42%)

Green (42%)

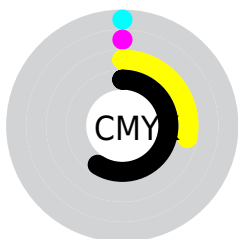
Blue (30%)



Red (30%)

Yellow (42%)

Blue (30%)

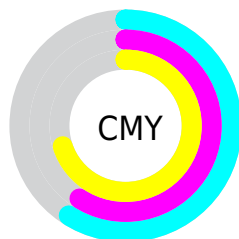


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (59%)



Cyan (59%)

Magenta (59%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 17.732, 107.602 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 44, 17.732, 107.602 by changing the saturation by 10% instead.

 44, 17.732,
107.602


 44, 17.732,
107.602

 100, 17.732,
107.602


 34, 17.732,
107.602

 64, 17.732,
107.602


 24, 17.732,
107.602

 74, 17.732,
107.602


 14, 17.732,
107.602


 84, 17.732,
107.602

 4, 17.732, 107.602

 94, 17.732,
107.602

 0, 17.732, 107.602

 44, 17.732,

 44, 17.732,

107.602

107.602

■ 44, 23.815,
106.709

■ 44, 11.528,
108.517

■ 44, 29.690,
105.845

■ 44, 5.255, 109.424

■ 44, 35.233,
105.038

■ 45, 1.049, 290.371

■ 45, 7.361, 291.218

■ 43, 40.265,
104.316

■ 45, 13.663,
292.068

■ 43, 44.546,
103.712

■ 46, 19.943,
292.887

■ 43, 47.811,
103.261

■ 46, 26.193,
293.672

■ 43, 50.313,
102.920

■ 47, 32.404,
294.419

■ 43, 50.744,
102.861

■ 47, 38.571,

Harmonies

Complementary

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



44, 17.732, 107.602



33, 18.898, 293.375

Rectangle

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



44, 17.732, 107.602



44, 17.732, 157.602



44, 17.732, 287.602



44, 17.732, 337.602

Sweetspot

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



44, 17.733, 107.606



57, 7.034, 109.343



35, 13.657, 21.521



29, 4.851, 109.244



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



44, 17.733, 107.606



56, 26.288, 107.011



43, 19.020, 127.836



22, 3.573, 109.368



48, 54.603, 102.862



94, 93.960, 102.862

Inverse Universe

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



33, 18.898, 293.375



40, 28.516, 294.338



35, 19.736, 310.351



20, 3.646, 291.053



11, 75.396, 306.288



31, 129.741, 306.288

Previews

White Background



This preview shows how the CIELCh color 44, 17.732, 107.602 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 44, 17.732, 107.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

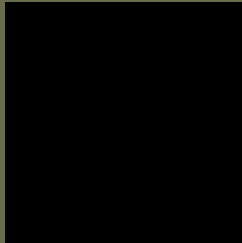
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.732, 107.602

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.732, 107.602.



This preview shows how white text looks on a background with the CIELCh color 44, 17.732, 107.602.

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

44, 17.732, 107.602

Protanopia

44, 17.594, 95.696

Deuteranopia

44, 17.485, 70.961



Tritanopia
44, 6.075, 328.030

Trichromacy



Original Color
44, 17.732, 107.602

Protanomaly
44, 17.904, 100.299

Deuteranomaly
44, 16.453, 83.384

Tritanomaly
44, 4.155, 78.921

Monochromacy



Original Color
44, 17.732, 107.602

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.575, 109.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.732, 107.602 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(106, 106, 76)` looks like.

```
.text, #text, p{  
    color:rgb(106, 106, 76)  
}
```

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(106, 106, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 106, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.732, 107.602 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(106, 106, 76) }
```

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

```
.border{ border-color:rgb(106, 106, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 106, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 106, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 106, 76);  
box-shadow:4px 4px 4px 4px rgb(106, 106,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.732, 107.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 106, 76) }
```

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

```
.background{ background-color: rgb(106,  
106, 76) }
```

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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