

Converting Colors

CIELCh(44, 16.776, 106.096)

Have a look what the booklet for
CIELCh(44, 16.776, 106.096)
contains.

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Color

CIELCh(44, 16.614, 104.650)

Conversions

Conversions Part 1

Format	Color
Hex	6B694D
RGB	107, 105, 77
RGB Percent	42%, 41%, 30%
CMY	0.5794, 0.5872, 0.6971
CMYK	0.00, 0.02, 0.28, 0.58
HSL	56°, 16%, 36%
HSV	56°, 28%, 42%
XYZ	12.5221, 13.8382, 9.0787
YIQ	102.4060, 10.1800, -8.2840

Conversions

Conversions Part 2

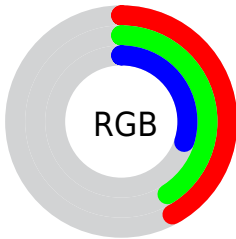
Format	Color
R_{YB}	79, 107, 77
Decimal	7039309
CIE Lab	44.00, -4.20, 16.07
CIE LCh	44, 16.614, 104.650
Yxy	13.8382, 0.3533, 0.3905
Android (android.graphics.Color)	4285229389 (0xFF6B694D)
YUV	102.4060, -12.5252, 4.0289
Hunter-Lab	37.1997, -5.0134, 11.5700

Details

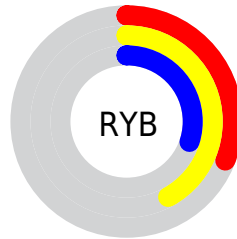
The CIELCh color $44, 16.614, 104.650$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $35, 17.535, 290.652$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.642, 104.113$, and $24, 16.864, 104.729$ is the 20% darker color. If you saturate the color by 10%, you get $44, 22.441, 103.677$, and if you desaturate by 10%, it is $44, 10.703, 105.632$.

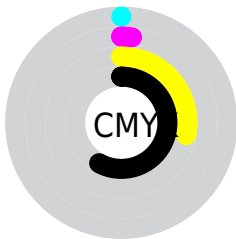
Distribution



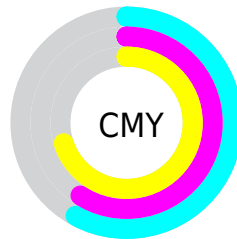
- Red (42%)
- Green (41%)
- Blue (30%)



- Red (31%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (58%)




- Cyan (58%)
- Magenta (59%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.614, 104.650 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, 16.614, 104.650 by changing the saturation by 10% instead.


 44, 16.614,
104.650


 44, 16.614,
104.650


 100, 16.614,
104.650


 34, 16.614,
104.650

 64, 16.614,
104.650


 24, 16.614,
104.650

 74, 16.614,
104.650

 14, 16.614,
104.650


 84, 16.614,
104.650

 4, 16.614, 104.650

 94, 16.614,
104.650

 0, 16.614, 104.650

 44, 16.614,

 44, 16.614,

104.650

104.650

■ 44, 22.441,
103.677

■ 44, 10.703,
105.632

■ 43, 28.107,
102.715

■ 45, 4.751, 106.593

■ 43, 33.498,
101.785

■ 45, 1.209, 287.603

■ 46, 7.159, 288.485

■ 43, 38.439,
100.909

■ 47, 13.087,
289.372

■ 42, 42.689,
100.108

■ 47, 18.983,
290.226

■ 42, 45.953, 99.403

■ 48, 24.843,
291.042

■ 42, 48.413, 98.778

■ 48, 30.661,
291.819

■ 42, 48.939, 98.653

■ 49, 36.436,

Harmonies

Complementary

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



44, 16.614, 104.650



35, 17.535, 290.652

Rectangle

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



44, 16.614, 104.650



44, 16.614, 154.650



44, 16.614, 284.650



44, 16.614, 334.650

Sweetspot

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



44, 16.615, 104.654



58, 5.935, 106.570



36, 13.541, 16.336



30, 4.251, 106.454



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 16.615, 104.654



56, 25.078, 103.972



44, 18.689, 125.422



22, 3.341, 106.501



45, 52.129, 98.609



89, 89.470, 98.342

Inverse Universe

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



35, 17.535, 290.652



42, 26.901, 291.710



35, 19.492, 308.095



20, 3.400, 288.279



12, 71.790, 304.924



32, 126.930, 305.684

Previews

White Background



This preview shows how the CIELCh color 44, 16.614, 104.650 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, 16.614, 104.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

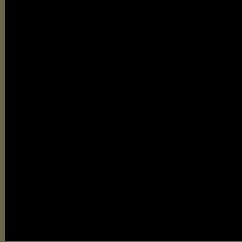
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

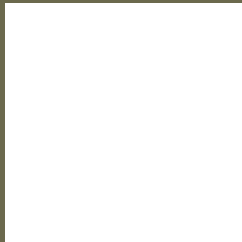
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 16.614, 104.650

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.614, 104.650.



This preview shows how white text looks on a background with the CIELCh color 44, 16.614, 104.650.

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

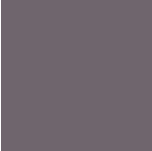
44, 16.614, 104.650

Protanopia

44, 16.445, 95.088

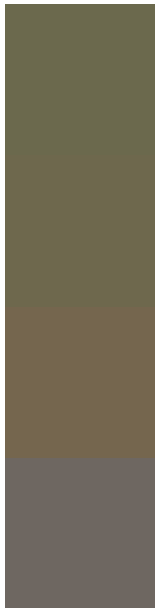
Deuteranopia

44, 16.698, 71.126



Tritanopia
44, 6.333, 331.025

Trichromacy



Original Color
44, 16.614, 104.650

Protanomaly
44, 16.261, 98.220

Deuteranomaly
44, 15.909, 82.644

Tritanomaly
44, 4.651, 69.790

Monochromacy



Original Color
44, 16.614, 104.650

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.979, 105.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.614, 104.650 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(107, 105, 77)` looks like.

```
.text, #text, p{  
    color:rgb(107, 105, 77)  
}
```

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(107, 105, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.614, 104.650 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(107, 105, 77) }
```

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

```
.border{ border-color:rgb(107, 105, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 105, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 77);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.614, 104.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 105, 77) }
```

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

```
.background{ background-color: rgb(107,  
105, 77) }
```

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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