

Converting Colors

CIELCh(44, 32.982, 117.702)

Have a look what the booklet for
CIELCh(44, 32.982, 117.702)
contains.

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Color

CIELCh(44, 32.948, 117.721)

Conversions

Conversions Part 1

Format	Color
Hex	5F6E36
RGB	95, 110, 54
RGB Percent	37%, 43%, 21%
CMY	0.6276, 0.5688, 0.7884
CMYK	0.14, 0.00, 0.51, 0.57
HSL	76°, 34%, 32%
HSV	76°, 51%, 43%
XYZ	10.9503, 13.8382, 5.5785
YIQ	99.1310, 9.0360, -20.5960

Conversions

Conversions Part 2

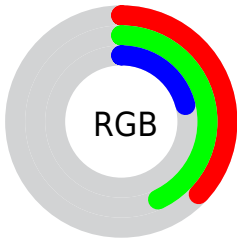
Format	Color
RYB	54, 110, 69
Decimal	6254134
CIELab	44.00, -15.33, 29.17
CIELCh	44, 32.948, 117.721
Yxy	13.8382, 0.3606, 0.4557
Android (android.graphics.Color)	4284444214 (0xFF5F6E36)
YUV	99.1310, -22.2496, -3.6229
Hunter-Lab	37.1997, -12.5556, 17.1486

Details

The CIELCh color $44, 32.948, 117.721$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $27, 36.789, 304.484$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 33.269, 117.630$, and $24, 32.563, 117.462$ is the 20% darker color. If you saturate the color by 10%, you get $44, 38.744, 117.300$, and if you desaturate by 10%, it is $44, 26.784, 118.239$.

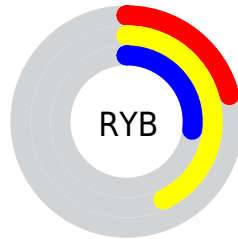
Distribution



 Red (37%)

 Green (43%)

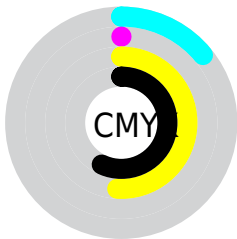
 Blue (21%)



 Red (21%)

 Yellow (43%)

 Blue (27%)

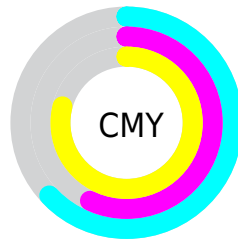


 Cyan (14%)

 Magenta (0%)

 Yellow (51%)

 Black (57%)



 Cyan (63%)


 Magenta (57%)


 Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 32.948, 117.721 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, 32.948, 117.721 by changing the saturation by 10% instead.


 44, 32.948,
117.721


 44, 32.948,
117.721


 100, 32.948,
117.721


 34, 32.948,
117.721

 64, 32.948,
117.721


 24, 32.948,
117.721

 74, 32.948,
117.721

 14, 32.948,
117.721

 84, 32.948,
117.721

 4, 32.948, 117.721

 94, 32.948,
117.721

 0, 32.948, 117.721

 44, 32.948,

 44, 32.948,

117.721

117.721

■ 44, 38.744,
117.300

■ 44, 26.784,
118.239

■ 43, 43.974,
117.033

■ 45, 20.388,
118.804

■ 43, 48.388,
117.003

■ 45, 13.853,
119.389

■ 43, 51.719,
117.300

■ 46, 7.246, 119.973

■ 43, 54.291,
117.664

■ 46, 0.610, 120.577

■ 47, 6.023, 301.080

■ 48, 12.631,
301.600

■ 48, 19.197,
302.088

■ 49, 25.708,

Harmonies

Complementary

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



44, 32.948, 117.721



27, 36.789, 304.484

Rectangle

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



44, 32.948, 117.721



44, 32.948, 167.721



44, 32.948, 297.721



44, 32.948, 347.721

Sweetspot

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



44, 32.949, 117.723



58, 12.318, 119.713



34, 22.756, 45.879



30, 8.343, 119.621



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, 32.949, 117.723



56, 47.887, 117.242



42, 37.560, 135.147



23, 3.791, 120.084



46, 57.769, 117.788



90, 99.077, 118.536

Inverse Universe

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



27, 36.789, 304.484



30, 55.278, 305.619



30, 38.476, 319.828



21, 3.860, 301.119



14, 74.365, 308.260



34, 127.827, 307.785

Previews

White Background



This preview shows how the CIELCh color 44, 32.948, 117.721 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, 32.948, 117.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

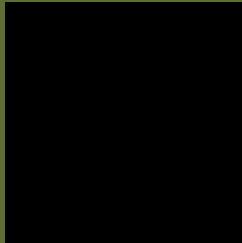
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 32.948, 117.721

Background



This preview shows how black text looks on a background with the CIELCh color 44, 32.948, 117.721.



This preview shows how white text looks on a background with the CIELCh color 44, 32.948, 117.721.

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, 32.948, 117.721

Protanopia

44, 30.725, 95.835

Deuteranopia

44, 28.586, 78.275



Tritanopia
44, 4.845, 281.426

Trichromacy



Original Color
44, 32.948, 117.721

Protanomaly
44, 30.697, 103.930

Deuteranomaly
44, 28.165, 94.370

Tritanomaly
44, 9.444, 127.290

Monochromacy



Original Color
44, 32.948, 117.721

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 12.154, 118.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 32.948, 117.721 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(95, 110, 54)` looks like.

```
.text, #text, p{  
    color:rgb(95, 110, 54)  
}
```

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(95, 110, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 110, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 32.948, 117.721 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(95, 110, 54) }
```

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

```
.border{ border-color:rgb(95, 110, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 110, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 110, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 110, 54);  
box-shadow:4px 4px 4px 4px rgb(95, 110,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 32.948, 117.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 110, 54) }
```

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

```
.background{ background-color: rgb(95, 110,  
54) }
```

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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