

Converting Colors

CIELCh(44, 36.340, 114.272)

Have a look what the booklet for
CIELCh(44, 36.340, 114.272)
contains.

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Color

CIELCh(44, 36.321, 114.731)

Conversions

Conversions Part 1

Format	Color
Hex	616E2F
RGB	97, 110, 47
RGB Percent	38%, 43%, 18%
CMY	0.6205, 0.5695, 0.8165
CMYK	0.12, 0.00, 0.57, 0.57
HSL	72°, 40%, 31%
HSV	72°, 57%, 43%
XYZ	10.9680, 13.8382, 4.7607
YIQ	98.9310, 12.4750, -22.3490

Conversions

Conversions Part 2

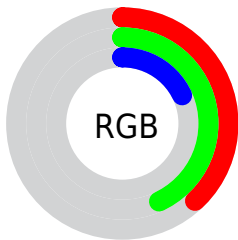
Format	Color
R_{YB}	47, 110, 60
Decimal	6385199
CIE Lab	44.00, -15.20, 32.99
CIE LCh	44, 36.321, 114.731
Yxy	13.8382, 0.3710, 0.4680
Android (android.graphics.Color)	4284575279 (0xFF616E2F)
YUV	98.9310, -25.6020, -1.6935
Hunter-Lab	37.1997, -12.4706, 18.4521

Details

The CIELCh color **44, 36.321, 114.731** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24, 41.693, 303.447**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 36.702, 114.978**, and **24, 35.548, 115.063** is the 20% darker color. If you saturate the color by 10%, you get **44, 41.687, 114.332**, and if you desaturate by 10%, it is **44, 30.461, 115.258**.

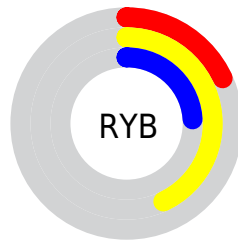
Distribution



Red (38%)

Green (43%)

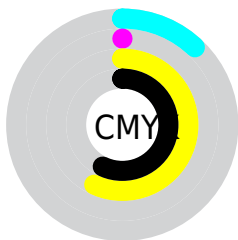
Blue (18%)



Red (18%)

Yellow (43%)

Blue (24%)

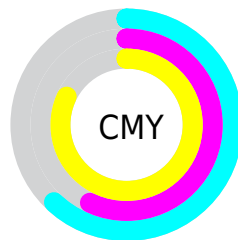


Cyan (12%)

Magenta (0%)

Yellow (57%)

Black (57%)



Cyan (62%)


Magenta (57%)


Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 36.321, 114.731 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, 36.321, 114.731 by changing the saturation by 10% instead.


 44, 36.321,
114.731


 44, 36.321,
114.731


 100, 36.321,
114.731


 34, 36.321,
114.731

 64, 36.321,
114.731


 24, 36.321,
114.731

 74, 36.321,
114.731

 14, 36.321,
114.731

 84, 36.321,
114.731

 4, 36.321, 114.731

 94, 36.321,
114.731

 0, 36.321, 114.731

 44, 36.321,

 44, 36.321,

114.731

■ 44, 41.687,
114.332

■ 43, 46.322,
114.122

■ 43, 49.954,
114.184

■ 43, 52.684,
114.479

■ 43, 53.418,
114.540

114.731

■ 44, 30.461,
115.258

■ 45, 24.280,
115.856

■ 45, 17.900,
116.492

■ 46, 11.404,
117.139

■ 46, 4.846, 117.782

■ 46, 1.735, 298.400

■ 47, 8.310, 299.005

■ 48, 14.862,
299.578

■ 48, 21.375,

Harmonies

Complementary

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



44, 36.321, 114.731



24, 41.693, 303.447

Rectangle

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



44, 36.321, 114.731



44, 36.321, 164.731



44, 36.321, 294.731



44, 36.321, 344.731

Sweetspot

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



44, 36.322, 114.733



58, 13.843, 117.134



31, 27.142, 40.101



30, 9.191, 117.043



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, 36.322, 114.733



56, 52.430, 114.233



42, 41.067, 132.969



23, 3.762, 117.677



47, 56.889, 114.644



91, 97.425, 115.264

Inverse Universe

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



24, 41.693, 303.447



26, 62.928, 305.024



28, 42.671, 317.951



21, 3.834, 298.838



13, 75.055, 307.588



33, 128.921, 307.192

Previews

White Background



This preview shows how the CIELCh color 44, 36.321, 114.731 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, 36.321, 114.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

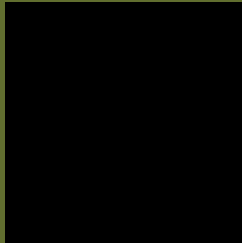
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 36.321, 114.731

Background



This preview shows how black text looks on a background with the CIELCh color 44, 36.321, 114.731.



This preview shows how white text looks on a background with the CIELCh color 44, 36.321, 114.731.

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, 36.321, 114.731

Protanopia

44, 34.374, 96.256

Deuteranopia

44, 32.397, 79.954



Tritanopia
44, 4.824, 295.635

Trichromacy



Original Color
44, 36.321, 114.731

Protanomaly
44, 34.367, 103.568

Deuteranomaly
44, 32.130, 93.375

Tritanomaly
44, 10.283, 118.376

Monochromacy



Original Color
44, 36.321, 114.731

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 13.904, 117.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 36.321, 114.731 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(97, 110, 47)` looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 47)  
}
```

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(97, 110, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 36.321, 114.731 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(97, 110, 47) }
```

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

```
.border{ border-color:rgb(97, 110, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 47);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 36.321, 114.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 47) }
```

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

```
.background{ background-color: rgb(97, 110,  
47) }
```

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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