

Converting Colors

CIELCh(44, 11.526, 86.994)

Have a look what the booklet for
CIELCh(44, 11.526, 86.994) contains.

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Color

CIELCh(44, 11.628, 86.147)

Conversions

Conversions Part 1

Format	Color
Hex	716755
RGB	113, 103, 85
RGB Percent	44%, 40%, 33%
CMY	0.5573, 0.5965, 0.6671
CMYK	0.00, 0.09, 0.25, 0.56
HSL	39°, 14%, 39%
HSV	39°, 25%, 44%
XYZ	13.2724, 13.8382, 10.5453
YIQ	103.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

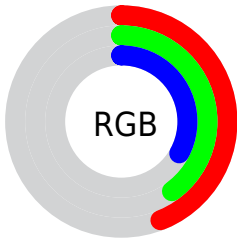
Format	Color
RYB	101, 113, 85
Decimal	7432021
CIELab	44.00, 0.78, 11.60
CIELCh	44, 11.628, 86.147
Yxy	13.8382, 0.3525, 0.3675
Android (android.graphics.Color)	4285622101 (0xFF716755)
YUV	103.9380, -9.3364, 7.9474
Hunter-Lab	37.1997, -1.4131, 9.2324

Details

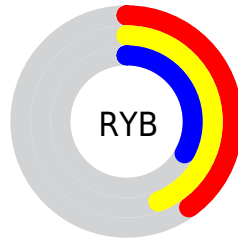
The CIELCh color **44, 11.628, 86.147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 11.487, 272.673**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 11.454, 86.072**, and **24, 11.526, 84.524** is the 20% darker color. If you saturate the color by 10%, you get **43, 16.499, 84.878**, and if you desaturate by 10%, it is **45, 6.858, 87.390**.

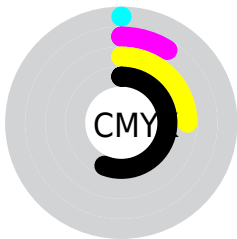
Distribution



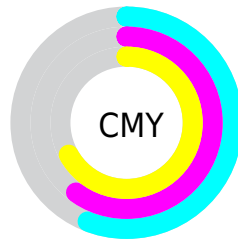
- Red (44%)
- Green (40%)
- Blue (33%)



- Red (40%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (56%)





















- Cyan (56%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 11.628, 86.147 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, 11.628, 86.147 by changing the saturation by 10% instead.

 44, 11.628, 86.147	 44, 11.628, 86.147
 100, 11.628, 86.147	 34, 11.628, 86.147
 64, 11.628, 86.147	 24, 11.628, 86.147
 74, 11.628, 86.147	 14, 11.628, 86.147
 84, 11.628, 86.147	 4, 11.628, 86.147
 94, 11.628, 86.147	 0, 11.628, 86.147

 44, 11.628, 86.147	 44, 11.628, 86.147
 43, 16.499, 84.878	 45, 6.858, 87.390
 41, 21.445, 83.564	 47, 2.193, 88.543

40, 26.420, 82.210

48, 2.365, 269.857

39, 31.324, 80.800

50, 6.823, 270.930

37, 35.982, 79.298

51, 11.186,
271.993

36, 40.090, 77.626

53, 15.463,
273.014

35, 43.364, 75.714

34, 45.235, 74.855

54, 19.660,
273.988

56, 23.784,
274.916

58, 27.842,
275.797

Harmonies

Complementary

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



44, 11.628, 86.147



40, 11.487, 272.673

Rectangle

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



44, 11.628, 86.147



44, 11.628, 136.147



44, 11.628, 266.147



44, 11.628, 316.147

Sweetspot

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



44, 11.629, 86.155



60, 4.009, 88.284



39, 13.459, 353.880



31, 2.590, 88.242



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 11.629, 86.155



56, 17.674, 85.392



47, 16.486, 113.601



23, 2.575, 88.078



37, 47.205, 74.647



73, 80.632, 72.798

Inverse Universe

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



40, 11.487, 272.673



50, 17.404, 273.723



37, 17.391, 297.532



22, 2.570, 270.341



20, 51.731, 293.728



44, 93.759, 295.916

Previews

White Background



This preview shows how the CIELCh color 44, 11.628, 86.147 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 CIE LCh color 44, 11.628, 86.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

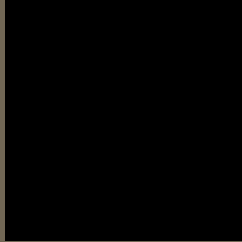
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.628, 86.147

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.628, 86.147.



This preview shows how white text looks on a background with the CIELCh color 44, 11.628, 86.147.

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, 11.628, 86.147

Protanopia

44, 11.618, 95.323

Deuteranopia

44, 13.100, 62.883



Tritanopia
44, 8.180, 344.734

Trichromacy



Original Color
44, 11.628, 86.147

Protanomaly
44, 11.730, 93.203

Deuteranomaly
44, 12.275, 70.512

Tritanomaly
44, 5.973, 25.803

Monochromacy



Original Color
44, 11.628, 86.147

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.356, 92.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.628, 86.147 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(113, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(113, 103, 85)  
}
```

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(113, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 103, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.628, 86.147 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(113, 103, 85) }
```

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

```
.border{ border-color:rgb(113, 103, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 103, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(113, 103,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.628, 86.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 103, 85) }
```

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

```
.background{ background-color: rgb(113,  
103, 85) }
```

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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