

Converting Colors

CIELCh(44, 47.257, 151.901)

Have a look what the booklet for
CIELCh(44, 47.257, 151.901)
contains.

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Color

CIELCh(44, 47.406, 151.818)

Conversions

Conversions Part 1

Format	Color
Hex	087841
RGB	8, 120, 65
RGB Percent	3%, 47%, 25%
CMY	0.9697, 0.5298, 0.7455
CMYK	0.94, 0.00, 0.46, 0.53
HSL	151°, 88%, 25%
HSV	151°, 94%, 47%
XYZ	7.7520, 13.8382, 7.2491
YIQ	80.2420, -49.0970, -40.8490

Conversions

Conversions Part 2

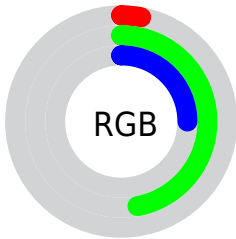
Format	Color
RYB	8, 82, 120
Decimal	555073
CIELab	44.00, -41.79, 22.39
CIELCh	44, 47.406, 151.818
Yxy	13.8382, 0.2688, 0.4798
Android (android.graphics.Color)	4278745153 (0xFF087841)
YUV	80.2420, -7.5143, -63.3562
Hunter-Lab	37.1997, -27.9022, 14.4860

Details

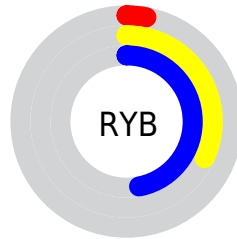
The CIELCh color **44, 47.406, 151.818** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25, 47.417, 359.055**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 47.157, 152.133**, and **25, 39.955, 143.130** is the 20% darker color. If you saturate the color by 10%, you get **44, 49.499, 150.583**, and if you desaturate by 10%, it is **44, 43.985, 153.824**.

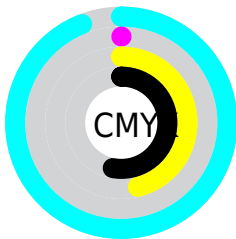
Distribution



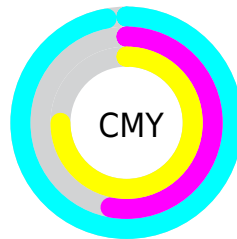
- Red (3%)
- Green (47%)
- Blue (25%)



- Red (3%)
- Yellow (32%)
- Blue (47%)



- Cyan (94%)
- Magenta (0%)
- Yellow (46%)
- Black (53%)



- Cyan (97%)
- Magenta (53%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 47.406, 151.818 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, 47.406, 151.818 by changing the saturation by 10% instead.

 44, 47.406,
151.818

 44, 47.406,
151.818


 100, 47.406,
151.818

 34, 47.406,
151.818

 64, 47.406,
151.818


 24, 47.406,
151.818

 74, 47.406,
151.818

 14, 47.406,
151.818

 84, 47.406,
151.818

 4, 47.406, 151.818

 94, 47.406,
151.818

 0, 47.406, 151.818

 44, 47.406,

 44, 47.406,

151.818

■ 44, 49.499,
150.583

151.818

■ 44, 43.985,
153.824

■ 45, 40.044,
155.647

■ 45, 35.587,
157.276

■ 46, 30.669,
158.724

■ 46, 25.367,
160.008

■ 47, 19.772,
161.151

■ 48, 13.975,
162.175

■ 49, 8.063, 163.105

Harmonies

Complementary

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



44, 47.406, 151.818



25, 47.417, 359.055

Rectangle

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



44, 47.406, 151.818



44, 47.406, 201.818



44, 47.406, 331.818



44, 47.406, 21.818

Sweetspot

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



44, 47.406, 151.818



61, 20.499, 161.662



45, 59.934, 127.062



31, 14.223, 161.290



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 47.406, 151.818



56, 60.529, 149.970



45, 28.213, 196.433



25, 3.408, 163.503



46, 51.097, 150.476



88, 88.346, 149.159

Inverse Universe

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



25, 47.417, 359.055



33, 58.557, 2.292



24, 55.342, 36.612



24, 3.450, 344.856



26, 50.021, 1.344



54, 83.896, 3.869

Previews

White Background



This preview shows how the CIELCh color 44, 47.406, 151.818 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, 47.406, 151.818 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, 47.406, 151.818

Background



This preview shows how black text looks on a background with the CIELCh color 44, 47.406, 151.818.



This preview shows how white text looks on a background with the CIELCh color 44, 47.406, 151.818.

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, 47.406, 151.818

Protanopia

44, 26.830, 96.131

Deuteranopia

44, 21.108, 73.911



Tritanopia
44, 21.576, 213.540

Trichromacy



Original Color
44, 47.406, 151.818



Protanomaly
43, 32.544, 134.044



Deuteranomaly
42, 25.587, 132.228



Tritanomaly
44, 28.376, 178.952

Monochromacy



Original Color
44, 47.406, 151.818



Achromatopsia
34, 0.005, 296.813



Achromatomaly
37, 20.756, 160.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 47.406, 151.818 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(8, 120, 65)` looks like.

```
.text, #text, p{  
    color:rgb(8, 120, 65)  
}
```

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(8, 120, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 120, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 47.406, 151.818 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(8, 120, 65) }
```

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

```
.border{ border-color:rgb(8, 120, 65) }
```

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

Here you see how a box with a 4 pixel rgb(8, 120, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 120, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 120, 65);  
box-shadow:4px 4px 4px 4px rgb(8, 120, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 47.406, 151.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 120, 65) }
```

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

```
.background{ background-color: rgb(8, 120,  
65) }
```

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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