

Converting Colors

CIELCh(44, 37.842, 154.853)

Have a look what the booklet for
CIELCh(44, 37.842, 154.853)
contains.

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Color

CIELCh(44, 38.085, 154.683)

Conversions

Conversions Part 1

Format	Color
Hex	27764C
RGB	39, 118, 76
RGB Percent	15%, 46%, 30%
CMY	0.8483, 0.5383, 0.7029
CMYK	0.67, 0.00, 0.36, 0.54
HSL	148°, 51%, 31%
HSV	148°, 67%, 46%
XYZ	8.5684, 13.8382, 9.0127
YIQ	89.5910, -33.6020, -29.8100

Conversions

Conversions Part 2

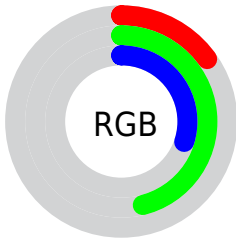
Format	Color
R_{YB}	39, 93, 118
Decimal	2586188
CIE _{Lab}	44.00, -34.43, 16.29
CIE _{LCh}	44, 38.085, 154.683
Yxy	13.8382, 0.2727, 0.4404
Android (android.graphics.Color)	4280776268 (0xFF27764C)
YUV	89.5910, -6.7004, -44.3683
Hunter-Lab	37.1997, -23.9850, 11.6752

Details

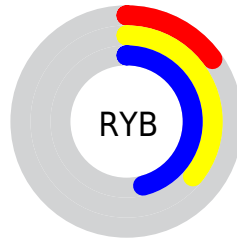
The CIELCh color **44, 38.085, 154.683** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **29, 39.589, 349.384**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 38.157, 154.481**, and **25, 34.495, 149.527** is the 20% darker color. If you saturate the color by 10%, you get **44, 42.523, 152.997**, and if you desaturate by 10%, it is **45, 33.167, 156.180**.

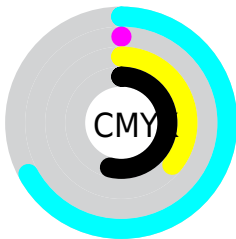
Distribution



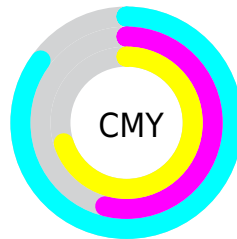
- Red (15%)
- Green (46%)
- Blue (30%)



- Red (15%)
- Yellow (36%)
- Blue (46%)



- Cyan (67%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 38.085, 154.683 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, 38.085, 154.683 by changing the saturation by 10% instead.

 44, 38.085,
154.683

 44, 38.085,
154.683

 100, 38.085,
154.683

 34, 38.085,
154.683

 64, 38.085,
154.683


 24, 38.085,
154.683

 74, 38.085,
154.683

 14, 38.085,
154.683

 84, 38.085,
154.683

 4, 38.085, 154.683

 94, 38.085,
154.683

 0, 38.085, 154.683

 44, 38.085,

 44, 38.085,

154.683

■ 44, 42.523,
152.997

■ 43, 46.433,
151.120

■ 43, 49.886,
149.141

■ 43, 50.854,
148.619

154.683

■ 45, 33.167,
156.180

■ 45, 27.842,
157.506

■ 46, 22.202,
158.679

■ 47, 16.341,
159.723

■ 48, 10.349,
160.660

■ 49, 4.304, 161.530

■ 50, 1.728, 342.066

■ 51, 7.697, 342.873

■ 52, 13.564,

Harmonies

Complementary

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



44, 38.085, 154.683



29, 39.589, 349.384

Rectangle

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



44, 38.085, 154.683



44, 38.085, 204.683



44, 38.085, 334.683



44, 38.085, 24.683

Sweetspot

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



44, 38.085, 154.683



61, 14.962, 160.355



45, 46.630, 125.157



31, 10.141, 160.151



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 38.085, 154.683



56, 54.274, 151.912



45, 24.741, 193.043



24, 3.387, 161.365



45, 52.399, 148.518



87, 91.373, 147.176

Inverse Universe

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



29, 39.589, 349.384



35, 54.771, 352.677



28, 38.826, 26.332



23, 3.422, 342.660



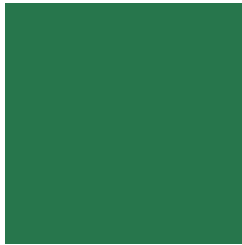
25, 49.772, 357.578



54, 83.822, 359.897

Previews

White Background



This preview shows how the CIELCh color 44, 38.085, 154.683 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, 38.085, 154.683 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, 38.085, 154.683

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.085, 154.683.



This preview shows how white text looks on a background with the CIELCh color 44, 38.085, 154.683.

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, 38.085, 154.683

Protanopia

44, 20.017, 95.299

Deuteranopia

44, 15.282, 67.542



Tritanopia
44, 19.203, 213.940

Trichromacy



Original Color
44, 38.085, 154.683

Protanomaly
43, 23.591, 132.310

Deuteranomaly
43, 17.920, 129.182

Tritanomaly
44, 23.113, 183.198

Monochromacy



Original Color
44, 38.085, 154.683

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 14.816, 159.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.085, 154.683 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(39, 118, 76)` looks like.

```
.text, #text, p{  
    color:rgb(39, 118, 76)  
}
```

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(39, 118, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 118, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.085, 154.683 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(39, 118, 76) }
```

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

```
.border{ border-color:rgb(39, 118, 76) }
```

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

Here you see how a box with a 4 pixel rgb(39, 118, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 118, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 118, 76);  
box-shadow:4px 4px 4px 4px rgb(39, 118,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.085, 154.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 118, 76) }
```

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

```
.background{ background-color: rgb(39, 118,  
76) }
```

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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