

Converting Colors

CIELCh(44, 31.504, 167.654)

Have a look what the booklet for
CIELCh(44, 31.504, 167.654)
contains.

CIELCh(44, 31.488, 167.574)	3
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Color

CIELCh(44, 31.488, 167.574)

Conversions

Conversions Part 1

Format	Color
Hex	24755C
RGB	36, 117, 92
RGB Percent	14%, 46%, 36%
CMY	0.8594, 0.5416, 0.6396
CMYK	0.69, 0.00, 0.21, 0.54
HSL	161°, 53%, 30%
HSV	161°, 69%, 46%
XYZ	8.9969, 13.8382, 12.2965
YIQ	89.9310, -40.2510, -24.9470

Conversions

Conversions Part 2

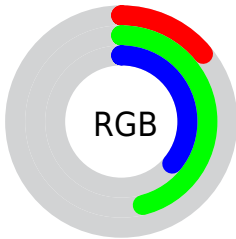
Format	Color
RYB	36, 84, 117
Decimal	2389340
CIELab	44.00, -30.75, 6.78
CIElCh	44, 31.488, 167.574
Yxy	13.8382, 0.2561, 0.3939
Android (android.graphics.Color)	4280579420 (0xFF24755C)
YUV	89.9310, 1.0200, -47.2975
Hunter-Lab	37.1997, -21.9288, 6.4413

Details

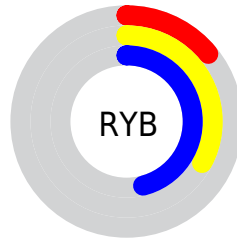
The CIELCh color **44, 31.488, 167.574** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **28, 37.732, 6.028**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 31.653, 167.190**, and **25, 26.921, 162.777** is the 20% darker color. If you saturate the color by 10%, you get **44, 34.559, 165.944**, and if you desaturate by 10%, it is **44, 27.924, 169.037**.

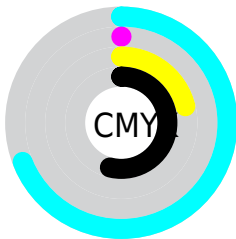
Distribution



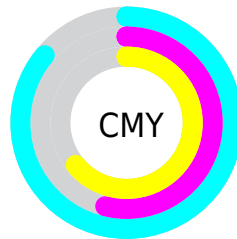
- Red (14%)
- Green (46%)
- Blue (36%)



- Red (14%)
- Yellow (33%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (21%)
- Black (54%)





- Cyan (86%)
- Magenta (54%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 31.488, 167.574 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, 31.488, 167.574 by changing the saturation by 10% instead.


 44, 31.488,
167.574


 44, 31.488,
167.574


 100, 31.488,
167.574


 34, 31.488,
167.574

 64, 31.488,
167.574


 24, 31.488,
167.574

 74, 31.488,
167.574

 14, 31.488,
167.574

 84, 31.488,
167.574

 4, 31.488, 167.574

 94, 31.488,
167.574

 0, 31.488, 167.574

 44, 31.488,

 44, 31.488,

167.574

167.574

■ 44, 34.559,
165.944

■ 44, 27.924,
169.037

■ 43, 37.122,
164.134

■ 45, 23.911,
170.356

■ 43, 39.363,
162.268

■ 46, 19.516,
171.553

■ 43, 39.515,
162.149

■ 46, 14.816,
172.647

■ 47, 9.889, 173.661

■ 48, 4.810, 174.626

■ 49, 0.355, 354.529

■ 50, 5.552, 356.194

■ 52, 10.735,
356.999

Harmonies

Complementary

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



44, 31.488, 167.574



28, 37.732, 6.028

Rectangle

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



44, 31.488, 167.574



44, 31.488, 217.574



44, 31.488, 347.574



44, 31.488, 37.574

Sweetspot

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



44, 31.488, 167.573



61, 13.367, 173.442



44, 50.685, 132.018



31, 8.971, 173.230



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, 31.488, 167.573



56, 43.887, 164.911



40, 21.250, 222.867



24, 2.913, 174.654



45, 40.916, 162.034



88, 70.819, 160.743

Inverse Universe

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



28, 37.732, 6.028



34, 53.514, 11.413



30, 36.345, 39.822



23, 2.985, 356.121



25, 50.220, 18.125



53, 86.542, 21.515

Previews

White Background



This preview shows how the CIELCh color 44, 31.488, 167.574 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, 31.488, 167.574 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, 31.488, 167.574

Background



This preview shows how black text looks on a background with the CIELCh color 44, 31.488, 167.574.



This preview shows how white text looks on a background with the CIELCh color 44, 31.488, 167.574.

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, 31.488, 167.574

Protanopia

44, 11.058, 94.726

Deuteranopia

44, 7.306, 39.173



Tritanopia
44, 20.751, 212.516

Trichromacy



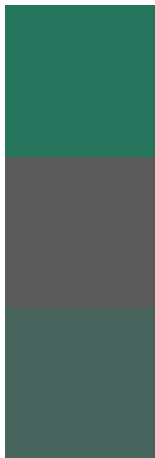
Original Color
44, 31.488, 167.574

Protanomaly
43, 16.209, 149.971

Deuteranomaly
43, 10.294, 158.276

Tritanomaly
44, 22.943, 192.310

Monochromacy



Original Color
44, 31.488, 167.574

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 13.250, 173.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 31.488, 167.574 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(36, 117, 92)` looks like.

```
.text, #text, p{  
    color:rgb(36, 117, 92)  
}
```

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(36, 117, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 117, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 31.488, 167.574 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(36, 117, 92) }
```

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

```
.border{ border-color:rgb(36, 117, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 117, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(36, 117,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 31.488, 167.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 117, 92) }
```

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

```
.background{ background-color: rgb(36, 117,  
92) }
```

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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