

Converting Colors

CIELCh(44, 35.013, 164.502)

Have a look what the booklet for
CIELCh(44, 35.013, 164.502)
contains.

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Color

CIELCh(44, 35.325, 164.015)

Conversions

Conversions Part 1

Format	Color
Hex	1B7657
RGB	27, 118, 87
RGB Percent	11%, 46%, 34%
CMY	0.8949, 0.5378, 0.6594
CMYK	0.77, 0.00, 0.26, 0.54
HSL	160°, 63%, 28%
HSV	160°, 77%, 46%
XYZ	8.6221, 13.8382, 11.2039
YIQ	87.2570, -44.2850, -28.9330

Conversions

Conversions Part 2

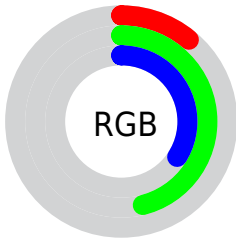
Format	Color
R_{YB}	27, 82, 118
Decimal	1799767
CIE _{Lab}	44.00, -33.96, 9.73
CIE _{LCh}	44, 35.325, 164.015
Yxy	13.8382, 0.2561, 0.4111
Android (android.graphics.Color)	4279989847 (0xFF1B7657)
YUV	87.2570, -0.1267, -52.8454
Hunter-Lab	37.1997, -23.7269, 8.1827

Details

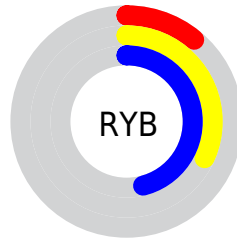
The CIELCh color **44, 35.325, 164.015** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **27, 41.463, 5.932**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 35.362, 164.107**, and **25, 29.339, 158.117** is the 20% darker color. If you saturate the color by 10%, you get **44, 38.191, 162.195**, and if you desaturate by 10%, it is **44, 31.952, 165.649**.

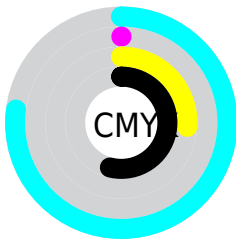
Distribution



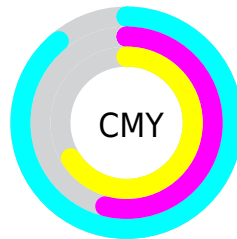
- Red (11%)
- Green (46%)
- Blue (34%)



- Red (11%)
- Yellow (32%)
- Blue (46%)



- Cyan (77%)
- Magenta (0%)
- Yellow (26%)
- Black (54%)





- Cyan (89%)
- Magenta (54%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 35.325, 164.015 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, 35.325, 164.015 by changing the saturation by 10% instead.


 44, 35.325,
164.015


 44, 35.325,
164.015


 100, 35.325,
164.015


 34, 35.325,
164.015

 64, 35.325,
164.015


 24, 35.325,
164.015

 74, 35.325,
164.015

 14, 35.325,
164.015

 84, 35.325,
164.015

 4, 35.325, 164.015

 94, 35.325,
164.015

 0, 35.325, 164.015

 44, 35.325,

 44, 35.325,

164.015

164.015

■ 44, 38.191,
162.195

■ 44, 31.952,
165.649

■ 44, 40.650,
160.259

■ 45, 28.093,
167.115

■ 43, 41.316,
159.762

■ 45, 23.804,
168.433

■ 46, 19.155,
169.624

■ 47, 14.229,
170.711

■ 48, 9.104, 171.716

■ 49, 3.854, 172.680

■ 50, 1.456, 353.237

■ 51, 6.774, 354.209

Harmonies

Complementary

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



44, 35.325, 164.015



27, 41.463, 5.932

Rectangle

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



44, 35.325, 164.015



44, 35.325, 214.015



44, 35.325, 344.015



44, 35.325, 34.015

Sweetspot

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



44, 35.325, 164.014



60, 14.925, 171.091



44, 54.985, 130.981



31, 10.234, 170.794



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, 35.325, 164.014



56, 48.492, 160.592



40, 22.841, 218.707



24, 2.970, 172.507



45, 42.520, 159.665



87, 73.718, 158.343

Inverse Universe

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



27, 41.463, 5.932



33, 56.653, 13.139



28, 42.460, 38.722



23, 3.036, 353.967



25, 49.693, 15.217



53, 85.295, 18.545

Previews

White Background



This preview shows how the CIELCh color 44, 35.325, 164.015 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, 35.325, 164.015 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, 35.325, 164.015

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.325, 164.015.



This preview shows how white text looks on a background with the CIELCh color 44, 35.325, 164.015.

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, 35.325, 164.015

Protanopia

44, 14.059, 95.242

Deuteranopia

44, 9.602, 54.002



Tritanopia
44, 21.549, 211.863

Trichromacy



Original Color
44, 35.325, 164.015

Protanomaly
43, 19.578, 144.758

Deuteranomaly
43, 13.522, 148.919

Tritanomaly
44, 24.921, 188.263

Monochromacy



Original Color
44, 35.325, 164.015

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 14.898, 170.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 35.325, 164.015 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(27, 118, 87)` looks like.

```
.text, #text, p{  
    color:rgb(27, 118, 87)  
}
```

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(27, 118, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 118, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.325, 164.015 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(27, 118, 87) }
```

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

```
.border{ border-color:rgb(27, 118, 87) }
```

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

Here you see how a box with a 4 pixel rgb(27, 118, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 118, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 118, 87);  
box-shadow:4px 4px 4px 4px rgb(27, 118,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.325, 164.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 118, 87) }
```

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

```
.background{ background-color: rgb(27, 118,  
87) }
```

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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