

Converting Colors

CIELCh(44, 32.266, 172.958)

Have a look what the booklet for
CIELCh(44, 32.266, 172.958)
contains.

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Color

CIELCh(44, 31.902, 173.756)

Conversions

Conversions Part 1

Format	Color
Hex	157561
RGB	21, 117, 97
RGB Percent	8%, 46%, 38%
CMY	0.9189, 0.5397, 0.6182
CMYK	0.82, 0.00, 0.17, 0.54
HSL	168°, 70%, 27%
HSV	168°, 82%, 46%
XYZ	8.8834, 13.8382, 13.6016
YIQ	86.0160, -50.7960, -26.5720

Conversions

Conversions Part 2

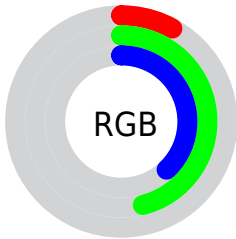
Format	Color
RYB	21, 75, 117
Decimal	1406305
CIELab	44.00, -31.71, 3.47
CIELCh	44, 31.902, 173.756
Yxy	13.8382, 0.2446, 0.3810
Android (android.graphics.Color)	4279596385 (0xFF157561)
YUV	86.0160, 5.4151, -57.0190
Hunter-Lab	37.1997, -22.4734, 4.3612

Details

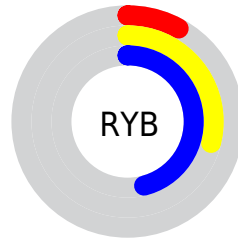
The CIELCh color **44, 31.902, 173.756** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 44.135, 18.695**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 31.870, 173.987**, and **25, 24.756, 168.582** is the 20% darker color. If you saturate the color by 10%, you get **44, 33.741, 172.159**, and if you desaturate by 10%, it is **44, 29.545, 175.200**.

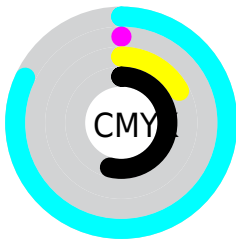
Distribution



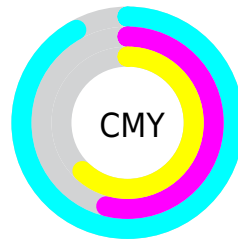
- Red (8%)
- Green (46%)
- Blue (38%)



- Red (8%)
- Yellow (29%)
- Blue (46%)



- Cyan (82%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)




- Cyan (92%)
- Magenta (54%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 31.902, 173.756 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, 31.902, 173.756 by changing the saturation by 10% instead.


 44, 31.902,
173.756


 44, 31.902,
173.756


 100, 31.902,
173.756


 34, 31.902,
173.756

 64, 31.902,
173.756


 24, 31.902,
173.756

 74, 31.902,
173.756

 14, 31.902,
173.756

 84, 31.902,
173.756

 4, 31.902, 173.756

 94, 31.902,
173.756

 0, 31.902, 173.756

 44, 31.902,

 44, 31.902,

173.756

173.756

■ 44, 33.741,
172.159

■ 44, 29.545,
175.200

■ 44, 35.002,
170.950

■ 45, 26.663,
176.509

■ 45, 23.285,
177.702

■ 46, 19.463,
178.801

■ 46, 15.266,
179.823

■ 47, 10.771,
180.786

■ 48, 6.051, 181.713

■ 49, 1.175, 182.808

Harmonies

Complementary

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



44, 31.902, 173.756



25, 44.135, 18.695

Rectangle

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



44, 31.902, 173.756



44, 31.902, 223.756



44, 31.902, 353.756



44, 31.902, 43.756

Sweetspot

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



44, 31.902, 173.755



60, 14.855, 180.478



43, 59.362, 134.071



31, 10.019, 180.215



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, 31.902, 173.755



56, 42.499, 170.607



36, 23.937, 243.765



24, 2.760, 182.026



45, 36.106, 170.862



88, 62.085, 169.756

Inverse Universe

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



25, 44.135, 18.695



32, 62.250, 27.577



29, 42.579, 47.524



23, 2.853, 3.446



24, 52.809, 26.749



52, 91.991, 30.035

Previews

White Background



This preview shows how the CIELCh color 44, 31.902, 173.756 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, 31.902, 173.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

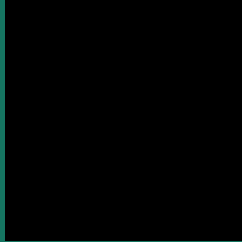
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 31.902, 173.756

Background



This preview shows how black text looks on a background with the CIELCh color 44, 31.902, 173.756.



This preview shows how white text looks on a background with the CIELCh color 44, 31.902, 173.756.

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, 31.794, 173.691

Protanopia

44, 8.055, 93.392

Deuteranopia

44, 5.944, 14.366



Tritanopia
44, 22.846, 210.878

Trichromacy



Original Color
44, 31.794, 173.691

Protanomaly
43, 15.812, 162.758

Deuteranomaly
43, 10.964, 178.787

Tritanomaly
44, 24.994, 195.281

Monochromacy



Original Color
44, 31.794, 173.691

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 14.373, 180.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 31.902, 173.756 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(21, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(21, 117, 97)  
}
```

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(21, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 117, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 31.902, 173.756 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(21, 117, 97) }
```

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

```
.border{ border-color:rgb(21, 117, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 117, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(21, 117,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 31.902, 173.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 117, 97) }
```

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

```
.background{ background-color: rgb(21, 117,  
97) }
```

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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