

Converting Colors

CIELCh(44, 25.551, 180.346)

Have a look what the booklet for
CIELCh(44, 25.551, 180.346)
contains.

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Color

CIELCh(44, 25.170, 181.299)

Conversions

Conversions Part 1

Format	Color
Hex	2B7368
RGB	43, 115, 104
RGB Percent	17%, 45%, 41%
CMY	0.8303, 0.5481, 0.5913
CMYK	0.62, 0.00, 0.10, 0.55
HSL	171°, 45%, 31%
HSV	171°, 62%, 45%
XYZ	9.6750, 13.8382, 15.3182
YIQ	92.2180, -39.3810, -18.6850

Conversions

Conversions Part 2

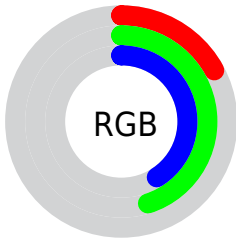
Format	Color
RYB	43, 82, 115
Decimal	2847592
CIELab	44.00, -25.16, -0.57
CIElCh	44, 25.170, 181.299
Yxy	13.8382, 0.2492, 0.3564
Android (android.graphics.Color)	4281037672 (0xFF2B7368)
YUV	92.2180, 5.8085, -43.1642
Hunter-Lab	37.1997, -18.6749, 1.6253




Details

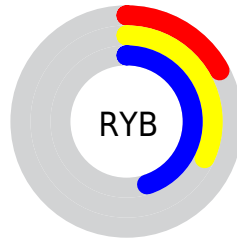
The CIELCh color **44, 25.170, 181.299** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29, 34.060, 16.167**, and the grayscale version is **39, 0.006, 296.813**.




A 20% lighter version of the original color is **64, 25.016, 181.639**, and **24, 21.378, 179.648** is the 20% darker color. If you saturate the color by 10%, you get **44, 27.750, 180.178**, and if you desaturate by 10%, it is **44, 22.085, 182.333**.

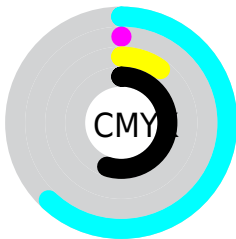
Distribution







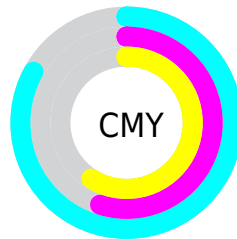
-  Red (17%)
-  Green (45%)
-  Blue (41%)






-  Red (17%)
-  Yellow (32%)
-  Blue (45%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (55%)



-  Cyan (83%)
-  Magenta (55%)
-  Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 25.170, 181.299 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, 25.170, 181.299 by changing the saturation by 10% instead.

 44, 25.170,
181.299

 44, 25.170,
181.299


 100, 25.170,
181.299


 34, 25.170,
181.299

 64, 25.170,
181.299


 24, 25.170,
181.299

 74, 25.170,
181.299

 14, 25.170,
181.299

 84, 25.170,
181.299

 4, 25.170, 181.299

 94, 25.170,
181.299

 0, 25.170, 181.299

 44, 25.170,

 44, 25.170,

181.299

■ 44, 27.750,
180.178

■ 43, 29.800,
178.954

■ 43, 31.332,
177.610

■ 43, 32.355,
176.601

181.299

■ 44, 22.085,
182.333

■ 45, 18.544,
183.301

■ 46, 14.610,
184.218

■ 46, 10.355,
185.097

■ 47, 5.852, 185.958

■ 48, 1.168, 187.006

■ 49, 3.637, 7.395

■ 50, 8.512, 8.214

■ 52, 13.414, 8.974

Harmonies

Complementary

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



44, 25.170, 181.299



29, 34.060, 16.167

Rectangle

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



44, 25.170, 181.299



44, 25.170, 231.299



44, 25.170, 1.299



44, 25.170, 51.299

Sweetspot

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



44, 25.170, 181.298



60, 10.969, 185.352



43, 47.877, 136.043



31, 7.572, 185.153



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, 25.170, 181.298



56, 34.847, 179.641



37, 20.344, 245.532



24, 2.698, 186.258



46, 33.821, 176.494



88, 57.918, 175.565

Inverse Universe

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



29, 34.060, 16.167



34, 50.625, 20.763



34, 29.491, 51.926



23, 2.804, 7.595



24, 54.613, 30.747



52, 95.410, 33.757

Previews

White Background



This preview shows how the CIELCh color 44, 25.170, 181.299 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, 25.170, 181.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

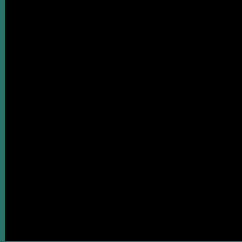
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 25.170, 181.299

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.170, 181.299.



This preview shows how white text looks on a background with the CIELCh color 44, 25.170, 181.299.

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, 25.170, 181.299

Protanopia

44, 3.955, 84.261

Deuteranopia

44, 6.513, 340.165



Tritanopia
44, 20.330, 212.879

Trichromacy



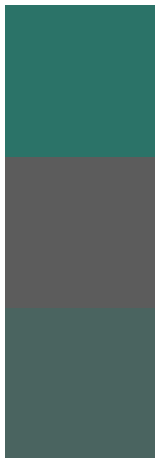
Original Color
44, 25.170, 181.299

Protanomaly
43, 10.181, 173.752

Deuteranomaly
43, 7.464, 198.556

Tritanomaly
44, 21.424, 200.309

Monochromacy



Original Color
44, 25.170, 181.299

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 10.601, 184.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.170, 181.299 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(43, 115, 104)` looks like.

```
.text, #text, p{  
    color:rgb(43, 115, 104)  
}
```

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(43, 115, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 115, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.170, 181.299 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(43, 115, 104) }
```

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

```
.border{ border-color:rgb(43, 115, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 115, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 115, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 115, 104);  
box-shadow:4px 4px 4px 4px rgb(43, 115,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.170, 181.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 115, 104) }
```

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

```
.background{ background-color: rgb(43, 115,  
104) }
```

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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