

Converting Colors

CIELCh(44, 26.672, 172.482)

Have a look what the booklet for
CIELCh(44, 26.672, 172.482)
contains.

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Color

CIELCh(44, 26.455, 172.303)

Conversions

Conversions Part 1

Format	Color
Hex	2F7361
RGB	47, 115, 97
RGB Percent	18%, 45%, 38%
CMY	0.8140, 0.5474, 0.6181
CMYK	0.59, 0.00, 0.16, 0.55
HSL	164°, 42%, 32%
HSV	164°, 59%, 45%
XYZ	9.5446, 13.8382, 13.5716
YIQ	92.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

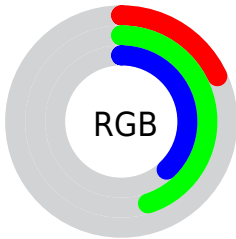
Format	Color
R_{YB}	47, 86, 115
Decimal	3109729
CIE _{Lab}	44.00, -26.22, 3.54
CIE _{LCh}	44, 26.455, 172.303
Yxy	13.8382, 0.2583, 0.3745
Android (android.graphics.Color)	4281299809 (0xFF2F7361)
YUV	92.6160, 2.1613, -40.0052
Hunter-Lab	37.1997, -19.3004, 4.4090

Details

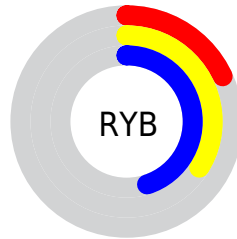
The CIELCh color **44, 26.455, 172.303** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **30, 32.044, 6.661**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 26.044, 173.070**, and **24, 23.619, 170.676** is the 20% darker color. If you saturate the color by 10%, you get **44, 29.776, 170.911**, and if you desaturate by 10%, it is **45, 22.682, 173.562**.

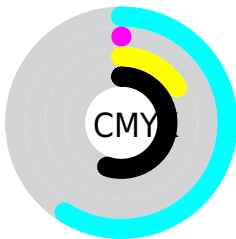
Distribution



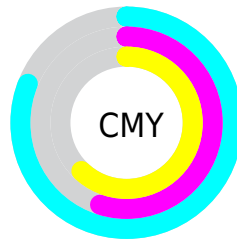
- Red (18%)
- Green (45%)
- Blue (38%)



- Red (18%)
- Yellow (34%)
- Blue (45%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (55%)



- Cyan (81%)
- Magenta (55%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.455, 172.303 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, 26.455, 172.303 by changing the saturation by 10% instead.


 44, 26.455,
172.303


 44, 26.455,
172.303


 100, 26.455,
172.303

 34, 26.455,
172.303

 64, 26.455,
172.303

 24, 26.455,
172.303

 74, 26.455,
172.303

 14, 26.455,
172.303

 84, 26.455,
172.303

 4, 26.455, 172.303

 94, 26.455,
172.303

 0, 26.455, 172.303

 44, 26.455,

 44, 26.455,

172.303

172.303

■ 44, 29.776,
170.911

■ 45, 22.682,
173.562

■ 43, 32.600,
169.369

■ 45, 18.519,
174.713

■ 43, 34.917,
167.658

■ 46, 14.039,
175.775

■ 43, 36.898,
165.880

■ 47, 9.320, 176.768

■ 43, 37.118,
165.694

■ 48, 4.433, 177.724

■ 49, 0.557, 357.929

■ 50, 5.595, 359.280

■ 51, 10.637, 0.092

■ 52, 15.648, 0.852

Harmonies

Complementary

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



44, 26.455, 172.303



30, 32.044, 6.661

Rectangle

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



44, 26.455, 172.303



44, 26.455, 222.303



44, 26.455, 352.303



44, 26.455, 42.303

Sweetspot

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



44, 26.455, 172.302



60, 11.038, 176.809



44, 44.225, 133.792



31, 7.706, 176.578



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, 26.455, 172.302



56, 37.489, 170.322



39, 18.840, 228.991



24, 2.842, 177.709



45, 38.794, 165.554



88, 66.972, 164.323

Inverse Universe

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



30, 32.044, 6.661



36, 47.143, 10.491



33, 28.687, 43.000



23, 2.923, 359.171



25, 51.171, 21.957



53, 88.635, 25.362

Previews

White Background



This preview shows how the CIE LCh color 44, 26.455, 172.303 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, 26.455, 172.303 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, 26.455, 172.303

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.455, 172.303.



This preview shows how white text looks on a background with the CIELCh color 44, 26.455, 172.303.

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, 26.455, 172.303

Protanopia

44, 7.480, 92.298

Deuteranopia

44, 5.944, 14.366



Tritanopia
44, 18.972, 214.169

Trichromacy



Original Color
44, 26.455, 172.303

Protanomaly
43, 12.843, 153.581

Deuteranomaly
43, 7.476, 169.706

Tritanomaly
44, 20.358, 195.428

Monochromacy



Original Color
44, 26.455, 172.303

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 10.690, 178.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.455, 172.303 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(47, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(47, 115, 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(47, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 115, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.455, 172.303 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(47, 115, 97) }
```

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

```
.border{ border-color:rgb(47, 115, 97) }
```

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

Here you see how a box with a 4 pixel rgb(47, 115, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(47, 115,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.455, 172.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 115, 97) }
```

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

```
.background{ background-color: rgb(47, 115,  
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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