

Converting Colors

CIELCh(47, 26.882, 208.295)

Have a look what the booklet for
CIELCh(47, 26.882, 208.295)
contains.

CIELCh(47, 26.908, 208.331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 26.908, 208.331)

Conversions

Conversions Part 1

Format	Color
Hex	157B84
RGB	21, 123, 132
RGB Percent	8%, 48%, 52%
CMY	0.9169, 0.5173, 0.4820
CMYK	0.84, 0.07, 0.00, 0.48
HSL	185°, 72%, 30%
HSV	185°, 84%, 52%
XYZ	11.5793, 16.0195, 24.3457
YIQ	93.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

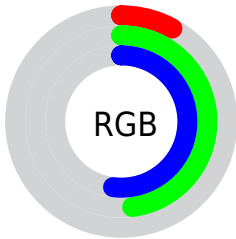
Format	Color
R_{YB}	21, 74, 132
Decimal	1407876
CIE _{Lab}	47.00, -23.68, -12.77
CIE _{LCh}	47, 26.908, 208.331
Yxy	16.0195, 0.2229, 0.3084
Android (android.graphics.Color)	4279597956 (0xFF157B84)
YUV	93.5280, 18.9667, -63.6071
Hunter-Lab	40.0243, -18.4012, -8.0474

Details

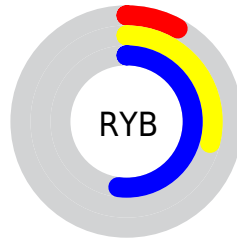
The CIELCh color **47, 26.908, 208.331** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29, 53.048, 36.950**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 27.017, 208.054**, and **28, 19.742, 214.153** is the 20% darker color. If you saturate the color by 10%, you get **47, 27.590, 209.373**, and if you desaturate by 10%, it is **48, 25.653, 207.528**.

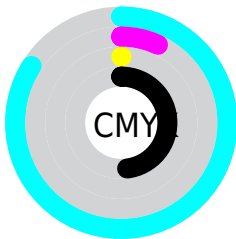
Distribution



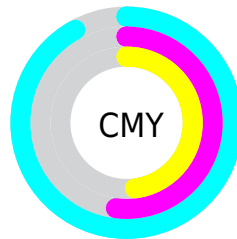
- Red (8%)
- Green (48%)
- Blue (52%)



- Red (8%)
- Yellow (29%)
- Blue (52%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)





- Cyan (92%)
- Magenta (52%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 26.908, 208.331 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 47, 26.908, 208.331 by changing the saturation by 10% instead.


 47, 26.908,
208.331


 47, 26.908,
208.331


 100, 26.908,
208.331


 37, 26.908,
208.331

 67, 26.908,
208.331


 27, 26.908,
208.331

 77, 26.908,
208.331

 17, 26.908,
208.331

 87, 26.908,
208.331

 7, 26.908, 208.331

 97, 26.908,
208.331

 0, 26.908, 208.331

 47, 26.908,

 47, 26.908,

208.331

208.331

■ 47, 27.590,
209.373

■ 48, 25.653,
207.528

■ 46, 27.892,
210.047

■ 48, 23.790,
206.948

■ 49, 21.327,
206.563

■ 50, 18.303,
206.347

■ 51, 14.776,
206.274

■ 52, 10.816,
206.323

■ 53, 6.496, 206.484

■ 55, 1.887, 206.852

Harmonies

Complementary

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



47, 26.908, 208.331



29, 53.048, 36.950

Rectangle

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



47, 26.908, 208.331



47, 26.908, 258.331



47, 26.908, 28.331



47, 26.908, 78.331

Sweetspot

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



47, 26.907, 208.330



66, 13.854, 206.308



48, 66.528, 138.229



34, 9.424, 206.286



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47, 26.907, 208.330



59, 33.611, 210.386



30, 40.738, 282.467



27, 2.667, 206.611



46, 27.582, 210.025



1, 0.654, 206.754

Inverse Universe

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



32, 63.045, 331.023



40, 80.355, 331.729



40, 44.549, 70.697



26, 4.987, 327.184



30, 65.920, 331.640



0, 1.188, 326.705

Previews

White Background



This preview shows how the CIELCh color 47, 26.908, 208.331 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 47, 26.908, 208.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

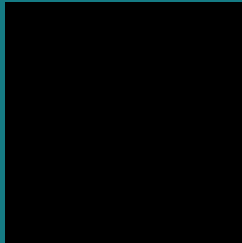
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.908, 208.331

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.908, 208.331.

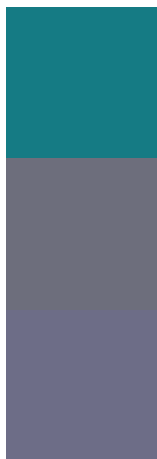


This preview shows how white text looks on a background with the CIELCh color 47, 26.908, 208.331.

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

47, 26.908, 208.331

Protanopia

47, 8.303, 288.644

Deuteranopia

47, 15.420, 292.252



Tritanopia
47, 26.785, 209.731

Trichromacy



Original Color
47, 26.908, 208.331

Protanomaly
46, 14.816, 227.132

Deuteranomaly
46, 16.872, 243.560

Tritanomaly
47, 26.785, 209.731

Monochromacy



Original Color
47, 26.908, 208.331

Achromatopsia
40, 0.006, 296.813

Achromatomaly
42, 13.608, 205.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.908, 208.331 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, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(21, 123, 132)  
}
```

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, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 123, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.908, 208.331 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, 123, 132) }
```

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

```
.border{ border-color:rgb(21, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(21, 123,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.908, 208.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 123, 132) }
```

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

```
.background{ background-color: rgb(21, 123,  
132) }
```

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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