

Converting Colors

CIELCh(47, 26.650, 208.329)

Have a look what the booklet for
CIELCh(47, 26.650, 208.329)
contains.

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Color

CIELCh(47, 26.623, 208.483)

Conversions

Conversions Part 1

Format	Color
Hex	187B84
RGB	24, 123, 132
RGB Percent	9%, 48%, 52%
CMY	0.9060, 0.5177, 0.4824
CMYK	0.82, 0.07, 0.00, 0.48
HSL	185°, 69%, 31%
HSV	185°, 82%, 52%
XYZ	11.6192, 16.0195, 24.3017
YIQ	94.4250, -61.8930, -18.1890

Conversions

Conversions Part 2

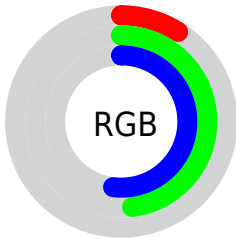
Format	Color
R_{YB}	24, 76, 132
Decimal	1604484
CIE _{Lab}	47.00, -23.40, -12.70
CIE _{LCh}	47, 26.623, 208.483
Yxy	16.0195, 0.2237, 0.3084
Android (android.graphics.Color)	4279794564 (0xFF187B84)
YUV	94.4250, 18.5245, -61.7627
Hunter-Lab	40.0243, -18.2232, -7.9823

Details

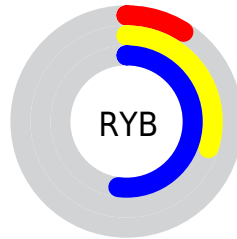
The CIELCh color **47, 26.623, 208.483** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **30, 51.538, 36.525**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 26.581, 208.263**, and **28, 19.742, 214.153** is the 20% darker color. If you saturate the color by 10%, you get **46, 27.413, 209.509**, and if you desaturate by 10%, it is **48, 25.244, 207.701**.

Distribution



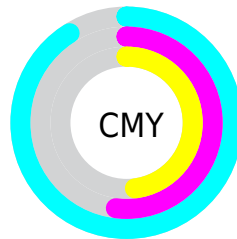
- Red (9%)
- Green (48%)
- Blue (52%)



- Red (9%)
- Yellow (30%)
- Blue (52%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (91%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 26.623, 208.483 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, 26.623, 208.483 by changing the saturation by 10% instead.

 47, 26.623,
208.483

 47, 26.623,
208.483

 100, 26.623,
208.483

 37, 26.623,
208.483

 67, 26.623,
208.483

 27, 26.623,
208.483

 77, 26.623,
208.483

 17, 26.623,
208.483

 87, 26.623,
208.483

 7, 26.623, 208.483

 97, 26.623,
208.483

 0, 26.623, 208.483

 47, 26.623,

 47, 26.623,

208.483

■ 46, 27.413,
209.509

■ 46, 27.818,
210.452

208.483

■ 48, 25.244,
207.701

■ 48, 23.258,
207.142

■ 49, 20.679,
206.776

■ 50, 17.552,
206.576

■ 51, 13.937,
206.518

■ 52, 9.905, 206.580

■ 54, 5.530, 206.756

■ 55, 0.881, 207.366

■ 56, 3.979, 27.075

Harmonies

Complementary

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



47, 26.623, 208.483



30, 51.538, 36.525

Rectangle

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



47, 26.623, 208.483



47, 26.623, 258.483



47, 26.623, 28.483



47, 26.623, 78.483

Sweetspot

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



47, 26.622, 208.482



66, 13.827, 206.543



48, 65.470, 138.473



34, 9.406, 206.525



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, 26.622, 208.482



59, 33.468, 210.545



30, 39.653, 281.650



27, 2.662, 206.830



45, 27.527, 210.430



1, 0.653, 206.965

Inverse Universe

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



32, 62.175, 331.022



40, 79.907, 331.752



40, 43.525, 71.086



26, 4.980, 327.248



30, 65.811, 331.739



0, 1.186, 326.770

Previews

White Background



This preview shows how the CIELCh color 47, 26.623, 208.483 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, 26.623, 208.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

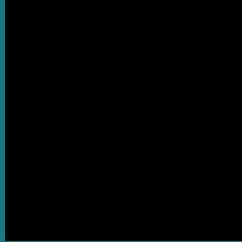
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.623, 208.483

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.623, 208.483.



This preview shows how white text looks on a background with the CIELCh color 47, 26.623, 208.483.

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, 26.623, 208.483

Protanopia

47, 8.303, 288.644

Deuteranopia

47, 16.046, 293.661



Tritanopia
47, 26.493, 209.902

Trichromacy



Original Color
47, 26.623, 208.483

Protanomaly
46, 14.551, 227.732

Deuteranomaly
46, 16.845, 246.760

Tritanomaly
47, 26.493, 209.902

Monochromacy



Original Color
47, 26.623, 208.483

Achromatopsia
40, 0.006, 296.813

Achromatomaly
42, 13.295, 205.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.623, 208.483 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(24, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(24, 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(24, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 123, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.623, 208.483 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(24, 123, 132) }
```

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

```
.border{ border-color:rgb(24, 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(24, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(24, 123,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.623, 208.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 123, 132) }
```

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

```
.background{ background-color: rgb(24, 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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