

Converting Colors

CIELCh(47, 23.455, 186.902)

Have a look what the booklet for
CIELCh(47, 23.455, 186.902)
contains.

CIELCh(47, 23.426, 186.620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 23.426, 186.620)

Conversions

Conversions Part 1

Format	Color
Hex	367A73
RGB	54, 122, 115
RGB Percent	21%, 48%, 45%
CMY	0.7871, 0.5205, 0.5480
CMYK	0.56, 0.00, 0.06, 0.52
HSL	174°, 39%, 35%
HSV	174°, 56%, 48%
XYZ	11.6376, 16.0195, 18.7761
YIQ	100.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

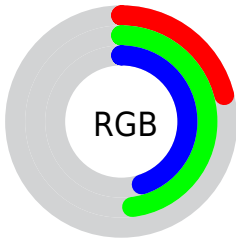
Format	Color
RYB	54, 90, 122
Decimal	3570291
CIELab	47.00, -23.27, -2.70
CIElCh	47, 23.426, 186.620
Yxy	16.0195, 0.2506, 0.3450
Android (android.graphics.Color)	4281760371 (0xFF367A73)
YUV	100.8700, 6.9661, -41.1050
Hunter-Lab	40.0243, -18.1413, 0.2031

Details

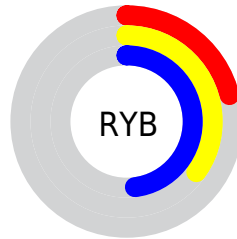
The CIELCh color **47, 23.426, 186.620** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32, 31.942, 18.318**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 23.585, 186.576**, and **27, 21.699, 185.665** is the 20% darker color. If you saturate the color by 10%, you get **47, 26.262, 185.757**, and if you desaturate by 10%, it is **48, 20.069, 187.441**.

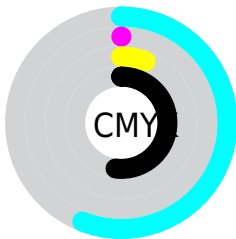
Distribution



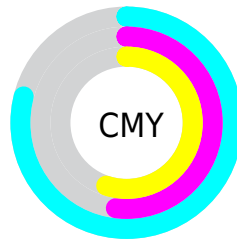
- Red (21%)
- Green (48%)
- Blue (45%)



- Red (21%)
- Yellow (35%)
- Blue (48%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (52%)



- Cyan (79%)
- Magenta (52%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 23.426, 186.620 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, 23.426, 186.620 by changing the saturation by 10% instead.


 47, 23.426,
186.620


 47, 23.426,
186.620


 100, 23.426,
186.620


 37, 23.426,
186.620

 67, 23.426,
186.620


 27, 23.426,
186.620

 77, 23.426,
186.620

 17, 23.426,
186.620

 87, 23.426,
186.620

 7, 23.426, 186.620

 97, 23.426,
186.620

 0, 23.426, 186.620

 47, 23.426,

 47, 23.426,

186.620

186.620

■ 47, 26.262,
185.757

■ 48, 20.069,
187.441

■ 46, 28.537,
184.841

■ 48, 16.249,
188.236

■ 46, 30.242,
183.855

■ 49, 12.039,
189.015

■ 46, 31.441,
182.796

■ 50, 7.514, 189.790

■ 46, 31.931,
182.339

■ 51, 2.748, 190.621

■ 52, 2.192, 11.051

■ 53, 7.246, 11.896

■ 54, 12.366, 12.635

■ 56, 17.511, 13.352

Harmonies

Complementary

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



47, 23.426, 186.620



32, 31.942, 18.318

Rectangle

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



47, 23.426, 186.620



47, 23.426, 236.620



47, 23.426, 6.620



47, 23.426, 56.620

Sweetspot

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



47, 23.426, 186.618



63, 10.065, 189.649



46, 45.960, 137.634



32, 6.672, 189.531



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 23.426, 186.618



59, 32.549, 185.488



39, 20.216, 251.090



25, 2.750, 190.312



47, 32.441, 182.311



90, 54.942, 181.630

Inverse Universe

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



32, 31.942, 18.318



38, 48.056, 21.836



38, 26.712, 57.105



24, 2.874, 11.544



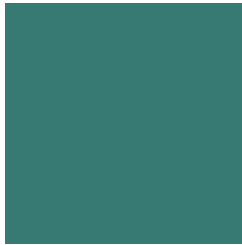
25, 57.179, 33.876



53, 99.234, 36.543

Previews

White Background



This preview shows how the CIELCh color 47, 23.426, 186.620 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, 23.426, 186.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

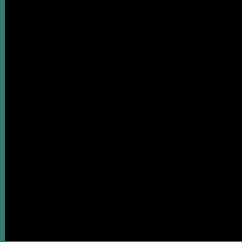
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 23.426, 186.620

Background



This preview shows how black text looks on a background with the CIELCh color 47, 23.426, 186.620.



This preview shows how white text looks on a background with the CIELCh color 47, 23.426, 186.620.

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, 23.426, 186.620

Protanopia

47, 1.699, 63.299

Deuteranopia

47, 7.196, 324.859



Tritanopia
47, 20.056, 214.826

Trichromacy



Original Color
47, 23.426, 186.620

Protanomaly
46, 8.817, 186.731

Deuteranomaly
46, 7.254, 217.898

Tritanomaly
47, 20.733, 203.893

Monochromacy



Original Color
47, 23.426, 186.620

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 9.954, 187.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 23.426, 186.620 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(54, 122, 115)` looks like.

```
.text, #text, p{  
    color:rgb(54, 122, 115)  
}
```

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(54, 122, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 122, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 23.426, 186.620 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(54, 122, 115) }
```

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

```
.border{ border-color:rgb(54, 122, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 122, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 122, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 122, 115);  
box-shadow:4px 4px 4px 4px rgb(54, 122,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 23.426, 186.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 122, 115) }
```

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

```
.background{ background-color: rgb(54, 122,  
115) }
```

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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