

Converting Colors

CIELCh(52, 24.013, 172.238)

Have a look what the booklet for
CIELCh(52, 24.013, 172.238)
contains.

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Color

CIELCh(52, 24.029, 172.664)

Conversions

Conversions Part 1

Format	Color
Hex	4B8776
RGB	75, 135, 118
RGB Percent	29%, 53%, 46%
CMY	0.7057, 0.4704, 0.5371
CMYK	0.44, 0.00, 0.13, 0.47
HSL	163°, 29%, 41%
HSV	163°, 44%, 53%
XYZ	14.8456, 20.1443, 20.2564
YIQ	115.1220, -30.3030, -18.0070

Conversions

Conversions Part 2

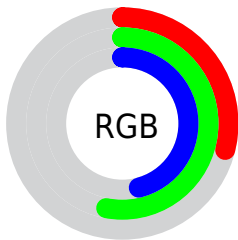
Format	Color
RYB	75, 110, 135
Decimal	4949878
CIELab	52.00, -23.83, 3.07
CIElCh	52, 24.029, 172.664
Yxy	20.1443, 0.2687, 0.3646
Android (android.graphics.Color)	4283139958 (0xFF4B8776)
YUV	115.1220, 1.4189, -35.1870
Hunter-Lab	44.8824, -19.5024, 4.6589

Details

The CIELCh color **52, 24.029, 172.664** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **40, 27.571, 2.530**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 24.316, 172.264**, and **32, 24.004, 172.721** is the 20% darker color. If you saturate the color by 10%, you get **51, 28.595, 171.403**, and if you desaturate by 10%, it is **53, 19.053, 173.812**.

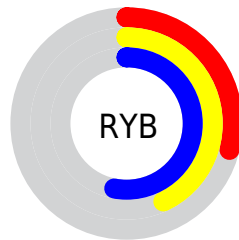
Distribution



Red (29%)

Green (53%)

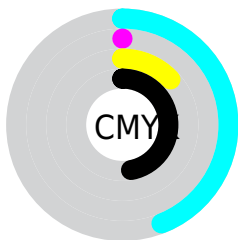
Blue (46%)



Red (29%)

Yellow (43%)

Blue (53%)

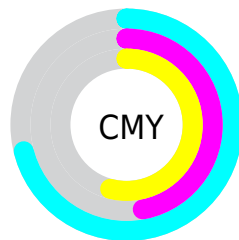


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (47%)



Cyan (71%)

Magenta (47%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 24.029, 172.664 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 52, 24.029, 172.664 by changing the saturation by 10% instead.


 52, 24.029,
172.664

 52, 24.029,
172.664

 100, 24.029,
172.664

 42, 24.029,
172.664

 72, 24.029,
172.664

 32, 24.029,
172.664

 82, 24.029,
172.664

 22, 24.029,
172.664

 92, 24.029,
172.664

 12, 24.029,
172.664

 2, 24.029, 172.664

 0, 24.029, 172.664

■ 52, 24.029,
172.664

■ 52, 24.029,
172.664

■ 51, 28.595,
171.403

■ 53, 19.053,
173.812

■ 51, 32.668,
170.011

■ 54, 13.756,
174.872

■ 50, 36.186,
168.464

■ 55, 8.225, 175.865

■ 50, 39.122,
166.742

■ 56, 2.544, 176.876

■ 57, 3.217, 357.481

■ 50, 41.500,
164.843

■ 58, 8.999, 358.368

■ 50, 42.737,
163.803

■ 60, 14.757,
359.160

■ 61, 20.455,
359.909

■ 63, 26.068, 0.624

Harmonies

Complementary

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



52, 24.029, 172.664



40, 27.571, 2.530

Rectangle

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



52, 24.029, 172.664



52, 24.029, 222.664



52, 24.029, 352.664



52, 24.029, 42.664

Sweetspot

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



52, 24.030, 172.663



70, 9.206, 175.976



52, 38.221, 133.580



37, 6.480, 175.785



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 24.030, 172.663



66, 34.587, 171.436



49, 17.383, 222.044



27, 3.181, 176.384



48, 41.536, 163.887



1, 0.768, 177.133

Inverse Universe

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



40, 27.571, 2.530



48, 40.882, 4.424



42, 23.817, 39.536



26, 3.267, 357.892



26, 53.106, 20.747



0, 0.768, 357.119

Previews

White Background



This preview shows how the CIELCh color 52, 24.029, 172.664 looks on a white 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

Black Background



This preview shows how the CIELCh color 52, 24.029, 172.664 looks on a black 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

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

CIELCh 52, 24.029, 172.664

Background



This preview shows how black text looks on a background with the CIELCh color 52, 24.029, 172.664.



This preview shows how white text looks on a background with the CIELCh color 52, 24.029, 172.664.

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


52, 24.029, 172.664

Protanopia

52, 6.688, 91.251

Deuteranopia

52, 7.048, 10.730



Tritanopia
52, 17.647, 217.229

Trichromacy



Original Color
52, 24.029, 172.664

Protanomaly
51, 10.507, 152.459

Deuteranomaly
51, 5.281, 165.506

Tritanomaly
52, 18.723, 197.548

Monochromacy



Original Color
52, 24.029, 172.664

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 9.361, 176.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 24.029, 172.664 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(75, 135, 118)` looks like.

```
.text, #text, p{  
    color:rgb(75, 135, 118)  
}
```

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(75, 135, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 135, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 24.029, 172.664 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(75, 135, 118) }
```

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

```
.border{ border-color:rgb(75, 135, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 135, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 135, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 135, 118);  
box-shadow:4px 4px 4px 4px rgb(75, 135,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 24.029, 172.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 135, 118) }
```

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

```
.background{ background-color: rgb(75, 135,  
118) }
```

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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