

Converting Colors

CIELCh(52, 22.007, 189.099)

Have a look what the booklet for
CIELCh(52, 22.007, 189.099)
contains.

CIELCh(52, 22.306, 188.126)	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(52, 22.306, 188.126)

Conversions

Conversions Part 1

Format	Color
Hex	478781
RGB	71, 135, 129
RGB Percent	28%, 53%, 51%
CMY	0.7228, 0.4718, 0.4953
CMYK	0.48, 0.00, 0.04, 0.47
HSL	174°, 31%, 40%
HSV	174°, 48%, 53%
XYZ	15.1370, 20.1443, 23.7514
YIQ	115.1800, -36.2180, -15.4340

Conversions

Conversions Part 2

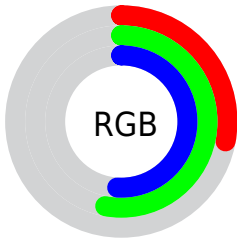
Format	Color
R_YB	71, 105, 135
Decimal	4687745
CIE _{Lab}	52.00, -22.08, -3.15
CIE _{LCh}	52, 22.306, 188.126
Yxy	20.1443, 0.2564, 0.3412
Android (android.graphics.Color)	4282877825 (0xFF478781)
YUV	115.1800, 6.8133, -38.7459
Hunter-Lab	44.8824, -18.3436, 0.0420

Details

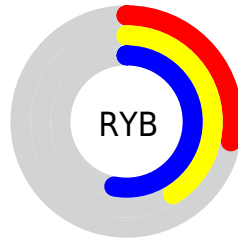
The CIELCh color **52, 22.306, 188.126** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **38, 29.208, 17.403**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 22.447, 187.820**, and **32, 22.363, 188.134** is the 20% darker color. If you saturate the color by 10%, you get **51, 25.771, 187.325**, and if you desaturate by 10%, it is **53, 18.315, 188.899**.

Distribution



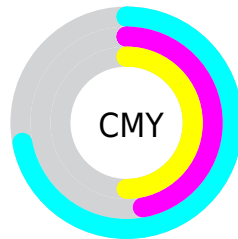
- Red (28%)
- Green (53%)
- Blue (51%)



- Red (28%)
- Yellow (41%)
- Blue (53%)



- Cyan (48%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)





- Cyan (72%)
- Magenta (47%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 22.306, 188.126 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, 22.306, 188.126 by changing the saturation by 10% instead.


 52, 22.306,
188.126


 52, 22.306,
188.126


 100, 22.306,
188.126


 42, 22.306,
188.126


 72, 22.306,
188.126

 32, 22.306,
188.126

 82, 22.306,
188.126

 22, 22.306,
188.126

 92, 22.306,
188.126

 12, 22.306,
188.126

 2, 22.306, 188.126

 0, 22.306, 188.126

■ 52, 22.306,
188.126

■ 52, 22.306,
188.126

■ 51, 25.771,
187.325

■ 53, 18.315,
188.899

■ 51, 28.648,
186.491

■ 53, 13.874,
189.661

■ 51, 30.905,
185.607

■ 54, 9.066, 190.420

■ 50, 32.540,
184.656

■ 55, 3.971, 191.213

■ 56, 1.332, 11.540

■ 50, 33.664,
183.642

■ 58, 6.778, 12.506

■ 50, 33.929,
183.396

■ 59, 12.309, 13.249

■ 60, 17.879, 13.967

■ 62, 23.452, 14.671

Harmonies

Complementary

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



52, 22.306, 188.126



38, 29.208, 17.403

Rectangle

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



52, 22.306, 188.126



52, 22.306, 238.126



52, 22.306, 8.126



52, 22.306, 58.126

Sweetspot

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



52, 22.306, 188.124



70, 9.075, 190.666



51, 43.211, 138.631



37, 6.288, 190.520



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, 22.306, 188.124



66, 31.643, 187.263



44, 19.335, 251.447



27, 2.932, 191.079



49, 33.069, 183.436



1, 0.715, 191.676

Inverse Universe

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



38, 29.208, 17.403



46, 44.383, 19.801



44, 24.114, 59.408



26, 3.069, 12.307



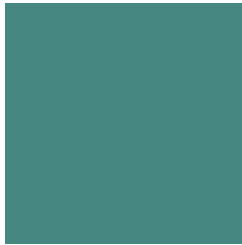
26, 59.344, 34.637



0, 0.715, 11.660

Previews

White Background



This preview shows how the CIELCh color 52, 22.306, 188.126 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, 22.306, 188.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

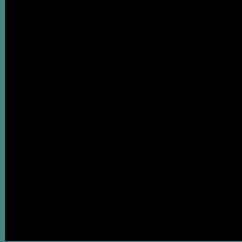
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 22.306, 188.126

Background



This preview shows how black text looks on a background with the CIELCh color 52, 22.306, 188.126.



This preview shows how white text looks on a background with the CIELCh color 52, 22.306, 188.126.

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, 22.306, 188.126

Protanopia
52, 1.331, 45.002

Deuteranopia
52, 8.252, 322.592



Tritanopia
52, 19.696, 214.953

Trichromacy



Original Color
52, 22.306, 188.126

Protanomaly
51, 8.319, 186.414

Deuteranomaly
51, 6.911, 229.365

Tritanomaly
52, 20.363, 204.061

Monochromacy



Original Color
52, 22.306, 188.126

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 8.951, 190.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 22.306, 188.126 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(71, 135, 129)` looks like.

```
.text, #text, p{  
    color:rgb(71, 135, 129)  
}
```

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(71, 135, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 135, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 22.306, 188.126 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(71, 135, 129) }
```

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

```
.border{ border-color:rgb(71, 135, 129) }
```

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

Here you see how a box with a 4 pixel rgb(71, 135, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 135, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 135, 129);  
box-shadow:4px 4px 4px 4px rgb(71, 135,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 22.306, 188.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 135, 129) }
```

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

```
.background{ background-color: rgb(71, 135,  
129) }
```

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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