

Converting Colors

CIELCh(53, 23.143, 170.756)

Have a look what the booklet for
CIELCh(53, 23.143, 170.756)
contains.

CIELCh(53, 23.233, 170.406)	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(53, 23.233, 170.406)

Conversions

Conversions Part 1

Format	Color
Hex	518977
RGB	81, 137, 119
RGB Percent	32%, 54%, 47%
CMY	0.6815, 0.4619, 0.5325
CMYK	0.41, 0.00, 0.13, 0.46
HSL	161°, 26%, 43%
HSV	161°, 41%, 54%
XYZ	15.7283, 21.0462, 20.7501
YIQ	118.2040, -27.5980, -17.4700

Conversions

Conversions Part 2

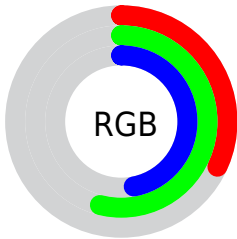
Format	Color
RYB	81, 114, 137
Decimal	5343607
CIELab	53.00, -22.91, 3.87
CIElCh	53, 23.233, 170.406
Yxy	21.0462, 0.2734, 0.3659
Android (android.graphics.Color)	4283533687 (0xFF518977)
YUV	118.2040, 0.3924, -32.6279
Hunter-Lab	45.8761, -19.0856, 5.2959

Details

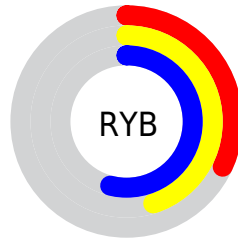
The CIELCh color $53, 23.233, 170.406$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $41, 25.903, 359.191$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 23.447, 169.949$, and $33, 23.266, 170.522$ is the 20% darker color. If you saturate the color by 10%, you get $52, 28.230, 169.154$, and if you desaturate by 10%, it is $54, 17.870, 171.543$.

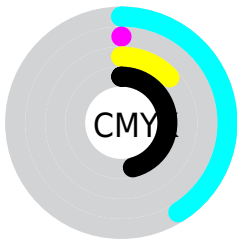
Distribution



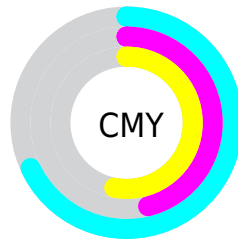
- Red (32%)
- Green (54%)
- Blue (47%)



- Red (32%)
- Yellow (45%)
- Blue (54%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (46%)



- Cyan (68%)
- Magenta (46%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 23.233, 170.406 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 53, 23.233, 170.406 by changing the saturation by 10% instead.

 53, 23.233,
170.406

 53, 23.233,
170.406

 100, 23.233,
170.406

 43, 23.233,
170.406

 73, 23.233,
170.406

 33, 23.233,
170.406

 83, 23.233,
170.406

 23, 23.233,
170.406

 93, 23.233,
170.406

 13, 23.233,
170.406

 3, 23.233, 170.406

 0, 23.233, 170.406

■ 53, 23.233,
170.406

■ 53, 23.233,
170.406

■ 52, 28.230,
169.154

■ 54, 17.870,
171.543

■ 52, 32.769,
167.768

■ 55, 12.233,
172.590

■ 51, 36.777,
166.223

■ 56, 6.411, 173.575

■ 51, 40.206,
164.500

■ 57, 0.483, 175.149

■ 58, 5.483, 355.185

■ 51, 43.053,
162.585

■ 60, 11.433,
356.010

■ 50, 45.340,
160.772

■ 61, 17.327,
356.771

■ 63, 23.135,
357.490

■ 64, 28.834,
358.176

Harmonies

Complementary

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



53, 23.233, 170.406



41, 25.903, 359.191

Rectangle

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



53, 23.233, 170.406



53, 23.233, 220.406



53, 23.233, 350.406



53, 23.233, 40.406

Sweetspot

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



53, 23.234, 170.405



71, 8.807, 173.434



53, 35.310, 132.762



37, 5.814, 173.330



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 23.234, 170.405



67, 33.810, 169.251



51, 16.692, 217.115



29, 3.357, 173.738



49, 44.175, 160.850



1, 1.569, 174.494

Inverse Universe

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



41, 25.903, 359.191



50, 38.611, 0.794



43, 22.324, 36.347



27, 3.438, 355.256



27, 53.054, 17.432



0, 1.569, 354.481

Previews

White Background



This preview shows how the CIELCh color 53, 23.233, 170.406 looks on a white background.

Color Contrast Check

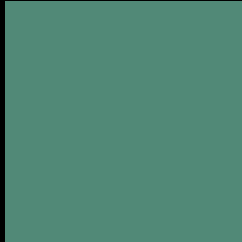
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 23.233, 170.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

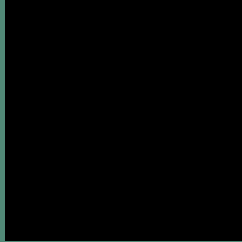
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 23.233, 170.406

Background



This preview shows how black text looks on a background with the CIELCh color 53, 23.233, 170.406.



This preview shows how white text looks on a background with the CIELCh color 53, 23.233, 170.406.

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
53, 23.233, 170.406

Protanopia
53, 7.766, 93.699

Deuteranopia
53, 6.958, 20.122



Tritanopia
53, 16.565, 218.591

Trichromacy



Original Color
53, 23.233, 170.406

Protanomaly
53, 11.095, 147.036

Deuteranomaly
53, 5.716, 153.808

Tritanomaly
53, 17.256, 197.711

Monochromacy



Original Color
53, 23.233, 170.406

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 8.917, 171.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 23.233, 170.406 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(81, 137, 119)` looks like.

```
.text, #text, p{  
    color:rgb(81, 137, 119)  
}
```

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(81, 137, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 137, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 23.233, 170.406 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(81, 137, 119) }
```

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

```
.border{ border-color:rgb(81, 137, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 137, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 137, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 137, 119);  
box-shadow:4px 4px 4px 4px rgb(81, 137,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 23.233, 170.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 137, 119) }
```

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

```
.background{ background-color: rgb(81, 137,  
119) }
```

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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