

Converting Colors

CIELCh(53, 19.156, 149.787)

Have a look what the booklet for
CIELCh(53, 19.156, 149.787)
contains.

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Color

CIELCh(53, 18.921, 150.633)

Conversions

Conversions Part 1

Format	Color
Hex	66866E
RGB	102, 134, 110
RGB Percent	40%, 53%, 43%
CMY	0.5995, 0.4740, 0.5681
CMYK	0.24, 0.00, 0.18, 0.47
HSL	135°, 14%, 46%
HSV	135°, 24%, 53%
XYZ	16.8576, 21.0462, 17.9610
YIQ	121.6960, -11.3680, -14.2480

Conversions

Conversions Part 2

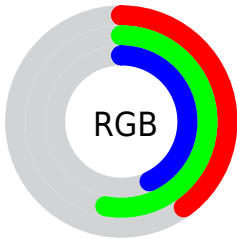
Format	Color
RYB	102, 128, 134
Decimal	6719086
CIELab	53.00, -16.49, 9.28
CIElCh	53, 18.921, 150.633
Yxy	21.0462, 0.3018, 0.3767
Android (android.graphics.Color)	4284909166 (0xFF66866E)
YUV	121.6960, -5.7661, -17.2734
Hunter-Lab	45.8761, -14.6917, 8.9006

Details

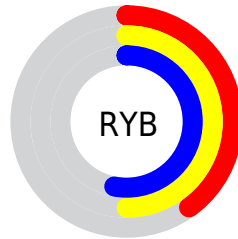
The CIELCh color $53, 18.921, 150.633$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $47, 19.042, 333.871$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 18.444, 150.827$, and $33, 18.981, 150.335$ is the 20% darker color. If you saturate the color by 10%, you get $52, 26.795, 149.722$, and if you desaturate by 10%, it is $54, 10.969, 151.430$.

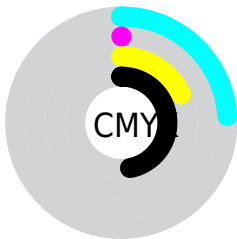
Distribution



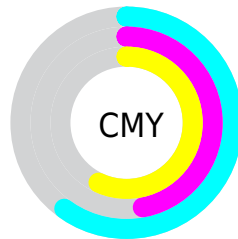
- Red (40%)
- Green (53%)
- Blue (43%)



- Red (40%)
- Yellow (50%)
- Blue (53%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (47%)





- Cyan (60%)
- Magenta (47%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 18.921, 150.633 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, 18.921, 150.633 by changing the saturation by 10% instead.


 53, 18.921,
150.633


 53, 18.921,
150.633


 100, 18.921,
150.633


 43, 18.921,
150.633


 73, 18.921,
150.633

 33, 18.921,
150.633

 83, 18.921,
150.633

 23, 18.921,
150.633

 93, 18.921,
150.633

 13, 18.921,
150.633

 3, 18.921, 150.633

 0, 18.921, 150.633

■ 53, 18.921,
150.633

■ 53, 18.921,
150.633

■ 52, 26.795,
149.722

■ 54, 10.969,
151.430

■ 51, 34.464,
148.675

■ 55, 3.036, 152.175

■ 50, 41.789,
147.477

■ 57, 4.801, 332.647

■ 50, 48.618,
146.117

■ 58, 12.486,
333.207

■ 49, 54.803,
144.596

■ 60, 19.979,
333.684

■ 49, 60.208,
142.939

■ 62, 27.257,
334.105


■ 49, 64.734,
141.203

■ 63, 34.308,
334.482

■ 49, 67.171,

■ 65, 41.128,
334.822

140.257

 67, 47.719,
335.130

Harmonies

Complementary

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



53, 18.921, 150.633



47, 19.042, 333.871

Rectangle

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



53, 18.921, 150.633



53, 18.921, 200.633



53, 18.921, 330.633



53, 18.921, 20.633

Sweetspot

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



53, 18.922, 150.633



70, 6.807, 151.922



55, 18.480, 117.786



36, 4.405, 151.889



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 18.922, 150.633



67, 28.344, 150.122



53, 13.229, 176.131



27, 4.410, 151.780



47, 65.595, 140.317



1, 1.053, 152.341

Inverse Universe

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



47, 19.042, 333.871



58, 28.543, 334.274



47, 14.267, 0.724



26, 4.428, 332.875



28, 58.215, 340.874



0, 1.053, 332.335

Previews

White Background



This preview shows how the CIELCh color 53, 18.921, 150.633 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, 18.921, 150.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

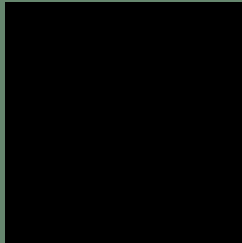
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 18.921, 150.633

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.921, 150.633.



This preview shows how white text looks on a background with the CIELCh color 53, 18.921, 150.633.

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, 18.921, 150.633

Protanopia
53, 11.888, 94.234

Deuteranopia
53, 10.302, 50.257



Tritanopia
53, 9.775, 235.233

Trichromacy



Original Color
53, 18.921, 150.633

Protanomaly
53, 12.985, 121.570

Deuteranomaly
53, 8.108, 103.271

Tritanomaly
53, 10.051, 188.421

Monochromacy



Original Color
53, 18.921, 150.633

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 6.437, 152.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.921, 150.633 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(102, 134, 110)` looks like.

```
.text, #text, p{  
    color:rgb(102, 134, 110)  
}
```

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(102, 134, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 134, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.921, 150.633 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(102, 134, 110) }
```

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

```
.border{ border-color:rgb(102, 134, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 134, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 134, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 134, 110);  
box-shadow:4px 4px 4px 4px rgb(102, 134,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.921, 150.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 134, 110) }
```

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

```
.background{ background-color: rgb(102,  
134, 110) }
```

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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