

Converting Colors

CIELCh(53, 18.270, 195.664)

Have a look what the booklet for
CIELCh(53, 18.270, 195.664)
contains.

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Color

CIELCh(53, 18.237, 195.772)

Conversions

Conversions Part 1

Format	Color
Hex	538786
RGB	83, 135, 134
RGB Percent	33%, 53%, 53%
CMY	0.6728, 0.4688, 0.4728
CMYK	0.38, 0.00, 0.01, 0.47
HSL	179°, 24%, 43%
HSV	179°, 38%, 53%
XYZ	16.6674, 21.0462, 25.9013
YIQ	119.3380, -30.6710, -11.3350

Conversions

Conversions Part 2

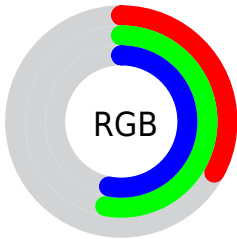
Format	Color
R_{YB}	83, 109, 135
Decimal	5474182
CIE _{Lab}	53.00, -17.55, -4.96
CIE _{LCh}	53, 18.237, 195.772
Yxy	21.0462, 0.2620, 0.3308
Android (android.graphics.Color)	4283664262 (0xFF538786)
YUV	119.3380, 7.2284, -31.8684
Hunter-Lab	45.8761, -15.4320, -1.3613

Details

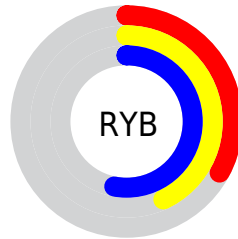
The CIELCh color **53, 18.237, 195.772** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **41, 23.434, 21.425**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 18.143, 196.277**, and **33, 18.207, 194.923** is the 20% darker color. If you saturate the color by 10%, you get **52, 21.964, 195.315**, and if you desaturate by 10%, it is **54, 14.012, 196.265**.

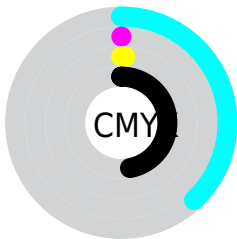
Distribution



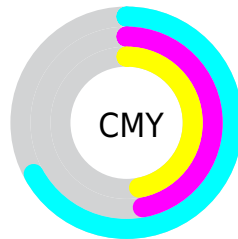
- Red (33%)
- Green (53%)
- Blue (53%)



- Red (33%)
- Yellow (43%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)





- Cyan (67%)
- Magenta (47%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 18.237, 195.772 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, 18.237, 195.772 by changing the saturation by 10% instead.


 53, 18.237,
195.772


 53, 18.237,
195.772


 100, 18.237,
195.772


 43, 18.237,
195.772


 73, 18.237,
195.772

 33, 18.237,
195.772

 83, 18.237,
195.772

 23, 18.237,
195.772

 93, 18.237,
195.772

 13, 18.237,
195.772

 3, 18.237, 195.772

 0, 18.237, 195.772

■ 53, 18.237,
195.772

■ 53, 18.237,
195.772

■ 52, 21.964,
195.315

■ 54, 14.012,
196.265

■ 52, 25.125,
194.901

■ 55, 9.368, 196.803

■ 56, 4.386, 197.406

■ 51, 27.669,
194.526

■ 57, 0.858, 17.411

■ 51, 29.574,
194.186

■ 58, 6.292, 18.426

■ 51, 30.852,
193.875

■ 59, 11.856, 19.070

■ 61, 17.499, 19.705

■ 51, 31.646,
193.583

■ 62, 23.180, 20.338

■ 51, 31.767,
193.537

■ 64, 28.866, 20.969

Harmonies

Complementary

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



53, 18.237, 195.772



41, 23.434, 21.425

Rectangle

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



53, 18.237, 195.772



53, 18.237, 245.772



53, 18.237, 15.772



53, 18.237, 65.772

Sweetspot

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



53, 18.237, 195.769



70, 7.692, 197.160



52, 36.108, 140.942



37, 5.128, 197.094



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, 18.237, 195.769



67, 26.025, 195.375



46, 16.948, 257.804



29, 2.983, 197.355



50, 31.280, 193.542



1, 1.415, 197.813

Inverse Universe

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



41, 23.434, 21.425



50, 35.676, 22.839



48, 19.257, 67.333



27, 3.148, 18.318



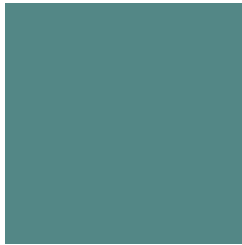
27, 62.526, 37.897



0, 1.415, 17.796

Previews

White Background



This preview shows how the CIELCh color 53, 18.237, 195.772 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 53, 18.237, 195.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

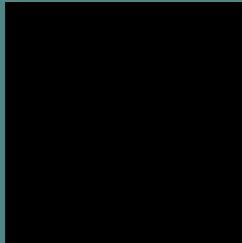
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 18.237, 195.772

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.237, 195.772.



This preview shows how white text looks on a background with the CIELCh color 53, 18.237, 195.772.

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, 18.237, 195.772

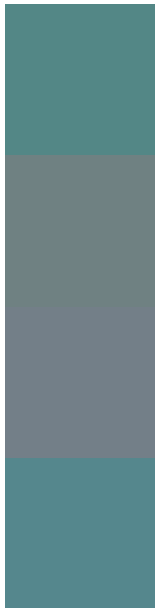
Protanopia
53, 1.924, 314.698

Deuteranopia
53, 9.741, 317.213



Tritanopia
53, 17.229, 219.812

Trichromacy



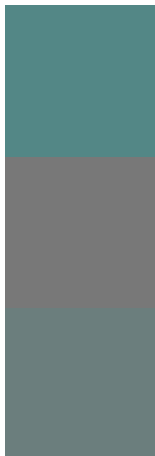
Original Color
53, 18.237, 195.772

Protanomaly
53, 6.884, 203.600

Deuteranomaly
53, 6.818, 249.220

Tritanomaly
53, 17.381, 209.409

Monochromacy



Original Color
53, 18.237, 195.772

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 7.350, 194.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.237, 195.772 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(83, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(83, 135, 134)  
}
```

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(83, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 135, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.237, 195.772 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(83, 135, 134) }
```

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

```
.border{ border-color:rgb(83, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(83, 135,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.237, 195.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 135, 134) }
```

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

```
.background{ background-color: rgb(83, 135,  
134) }
```

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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