

Converting Colors

CIELCh(53, 27.184, 148.799)

Have a look what the booklet for
CIELCh(53, 27.184, 148.799)
contains.

CIELCh(53, 27.011, 148.835)	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, 27.011, 148.835)

Conversions

Conversions Part 1

Format	Color
Hex	5C8966
RGB	92, 137, 102
RGB Percent	36%, 54%, 40%
CMY	0.6401, 0.4636, 0.6008
CMYK	0.33, 0.00, 0.26, 0.46
HSL	133°, 20%, 45%
HSV	133°, 33%, 54%
XYZ	15.6932, 21.0462, 15.7500
YIQ	119.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

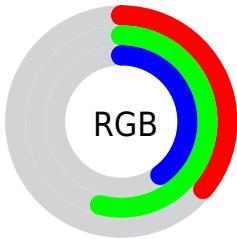
Format	Color
R_{YB}	92, 129, 137
Decimal	6064486
CIE _{Lab}	53.00, -23.11, 13.98
CIE _{LCh}	53, 27.011, 148.835
Yxy	21.0462, 0.2990, 0.4010
Android (android.graphics.Color)	4284254566 (0xFF5C8966)
YUV	119.5550, -8.6546, -24.1657
Hunter-Lab	45.8761, -19.2224, 11.7581

Details

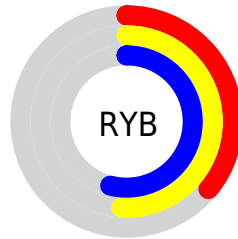
The CIELCh color $53, 27.011, 148.835$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 27.158, 333.424$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 27.189, 148.469$, and $33, 27.218, 149.002$ is the 20% darker color. If you saturate the color by 10%, you get $52, 34.997, 147.813$, and if you desaturate by 10%, it is $54, 18.829, 149.724$.

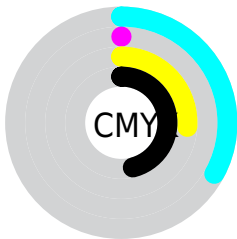
Distribution



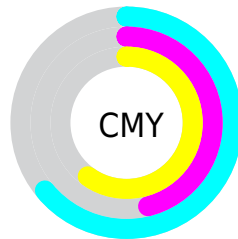
- Red (36%)
- Green (54%)
- Blue (40%)



- Red (36%)
- Yellow (51%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (26%)
- Black (46%)





- Cyan (64%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 27.011, 148.835 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, 27.011, 148.835 by changing the saturation by 10% instead.


 53, 27.011,
148.835


 53, 27.011,
148.835


 100, 27.011,
148.835


 43, 27.011,
148.835


 73, 27.011,
148.835

 33, 27.011,
148.835

 83, 27.011,
148.835

 23, 27.011,
148.835

 93, 27.011,
148.835

 13, 27.011,
148.835

 3, 27.011, 148.835

 0, 27.011, 148.835

■ 53, 27.011,
148.835

■ 53, 27.011,
148.835

■ 52, 34.997,
147.813

■ 54, 18.829,
149.724

■ 51, 42.636,
146.642

■ 55, 10.576,
150.500

■ 51, 49.766,
145.313

■ 57, 2.356, 151.245

■ 50, 56.221,
143.832

■ 58, 5.754, 331.684

■ 50, 61.847,
142.227

■ 60, 13.697,
332.217

■ 50, 66.515,
140.560

■ 61, 21.436,
332.672

■ 49, 69.326,
139.513

■ 63, 28.946,
333.074

■ 65, 36.218,
333.431

■ 67, 43.249,
333.752

Harmonies

Complementary

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



53, 27.011, 148.835



45, 27.158, 333.424

Rectangle

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



53, 27.011, 148.835



53, 27.011, 198.835



53, 27.011, 328.835



53, 27.011, 18.835

Sweetspot

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



53, 27.012, 148.835



71, 10.180, 150.694



55, 25.700, 116.519



37, 6.923, 150.607



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, 27.012, 148.835



67, 39.646, 148.137



54, 18.447, 173.978



28, 4.644, 150.769



48, 67.697, 139.568



1, 2.149, 151.324

Inverse Universe

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



45, 27.158, 333.424



55, 39.827, 333.910



44, 20.396, 0.722



27, 4.661, 331.849



29, 60.170, 339.167



0, 2.149, 331.318

Previews

White Background



This preview shows how the CIE LCh color 53, 27.011, 148.835 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, 27.011, 148.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

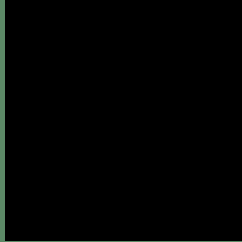
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 27.011, 148.835

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.011, 148.835.



This preview shows how white text looks on a background with the CIELCh color 53, 27.011, 148.835.

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, 27.011, 148.835

Protanopia
53, 17.117, 94.832

Deuteranopia
53, 14.313, 60.039



Tritanopia
53, 12.562, 229.120

Trichromacy



Original Color
53, 27.011, 148.835

Protanomaly
53, 18.365, 122.623

Deuteranomaly
53, 13.231, 110.329

Tritanomaly
53, 13.979, 183.533

Monochromacy



Original Color
53, 27.011, 148.835

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 9.555, 151.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.011, 148.835 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(92, 137, 102)` looks like.

```
.text, #text, p{  
    color:rgb(92, 137, 102)  
}
```

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(92, 137, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 137, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.011, 148.835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

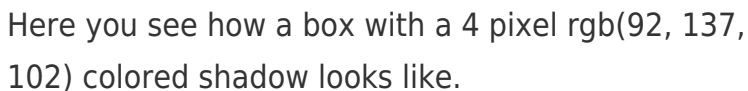
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 137, 102) }
```

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

```
.border{ border-color:rgb(92, 137, 102) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 137, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 137, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 137, 102); box-shadow:4px 4px 4px 4px rgb(92, 137, 102) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.011, 148.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 137, 102) }
```

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

```
.background{ background-color: rgb(92, 137,  
102) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor