

Converting Colors

CIELCh(53, 29.674, 147.593)

Have a look what the booklet for
CIELCh(53, 29.674, 147.593)
contains.

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Color

CIELCh(53, 29.534, 147.454)

Conversions

Conversions Part 1

Format	Color
Hex	598962
RGB	89, 137, 98
RGB Percent	35%, 54%, 38%
CMY	0.6494, 0.4611, 0.6141
CMYK	0.35, 0.00, 0.28, 0.46
HSL	131°, 21%, 44%
HSV	131°, 35%, 54%
XYZ	15.3891, 21.0462, 14.9058
YIQ	118.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

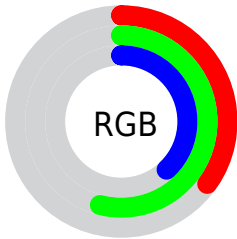
Format	Color
RYB	89, 129, 137
Decimal	5867874
CIELab	53.00, -24.90, 15.89
CIElCh	53, 29.534, 147.454
Yxy	21.0462, 0.2997, 0.4099
Android (android.graphics.Color)	4284057954 (0xFF598962)
YUV	118.2020, -9.9596, -25.6102
Hunter-Lab	45.8761, -20.4056, 12.8492

Details

The CIELCh color $53, 29.534, 147.454$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 29.635, 332.241$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 29.592, 147.302$, and $33, 29.816, 147.238$ is the 20% darker color. If you saturate the color by 10%, you get $52, 37.704, 146.418$, and if you desaturate by 10%, it is $54, 21.131, 148.354$.

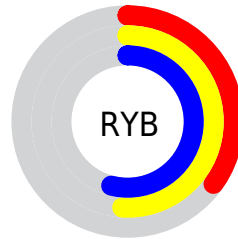
Distribution



Red (35%)

Green (54%)

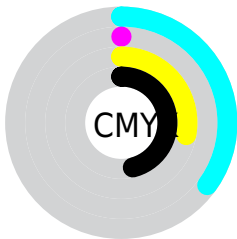
Blue (38%)



Red (35%)

Yellow (51%)

Blue (54%)

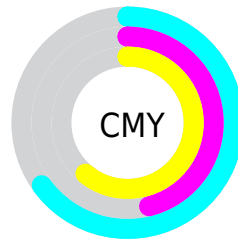


Cyan (35%)

Magenta (0%)

Yellow (28%)

Black (46%)



Cyan (65%)


Magenta (46%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 29.534, 147.454 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, 29.534, 147.454 by changing the saturation by 10% instead.

 53, 29.534,
147.454

 53, 29.534,
147.454

 100, 29.534,
147.454

 43, 29.534,
147.454


 73, 29.534,
147.454

 33, 29.534,
147.454

 83, 29.534,
147.454

 23, 29.534,
147.454

 93, 29.534,
147.454

 13, 29.534,
147.454

 3, 29.534, 147.454

 0, 29.534, 147.454

■ 53, 29.534,
147.454

■ 53, 29.534,
147.454

■ 52, 37.704,
146.418

■ 54, 21.131,
148.354

■ 51, 45.474,
145.235

■ 55, 12.632,
149.137

■ 51, 52.668,
143.903

■ 57, 4.150, 149.845

■ 50, 59.100,
142.440

■ 58, 4.228, 330.315

■ 50, 64.596,
140.890

■ 60, 12.440,
330.858

■ 50, 69.015,
139.347

■ 61, 20.444,
331.308

■ 50, 70.907,
138.704

■ 63, 28.215,
331.701

■ 65, 35.738,
332.048

■ 67, 43.012,
332.357

Harmonies

Complementary

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



53, 29.534, 147.454



44, 29.635, 332.241

Rectangle

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



53, 29.534, 147.454



53, 29.534, 197.454



53, 29.534, 327.454



53, 29.534, 17.454

Sweetspot

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



53, 29.535, 147.454



71, 10.442, 149.474



55, 27.249, 114.971



37, 7.101, 149.389



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, 29.535, 147.454



67, 43.710, 146.640



54, 20.073, 171.417



28, 4.764, 149.548



48, 68.997, 138.762



1, 2.204, 150.090

Inverse Universe

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



44, 29.635, 332.241



54, 43.775, 332.767



44, 22.061, 358.650



27, 4.778, 330.600



29, 61.715, 337.091



0, 2.204, 330.084

Previews

White Background



This preview shows how the CIELCh color 53, 29.534, 147.454 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, 29.534, 147.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

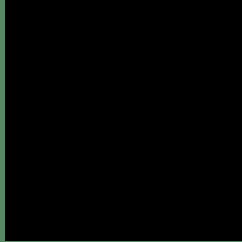
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 29.534, 147.454

Background



This preview shows how black text looks on a background with the CIELCh color 53, 29.534, 147.454.



This preview shows how white text looks on a background with the CIELCh color 53, 29.534, 147.454.

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, 29.534, 147.454

Protanopia
53, 19.344, 95.976

Deuteranopia
53, 15.571, 64.462



Tritanopia
53, 13.194, 224.532

Trichromacy



Original Color
53, 29.534, 147.454

Protanomaly
53, 20.666, 121.994

Deuteranomaly
52, 14.964, 111.537

Tritanomaly
53, 15.377, 180.255

Monochromacy



Original Color
53, 29.534, 147.454

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.962, 150.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 29.534, 147.454 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(89, 137, 98)` looks like.

```
.text, #text, p{  
    color:rgb(89, 137, 98)  
}
```

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(89, 137, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 137, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 29.534, 147.454 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(89, 137, 98) }
```

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

```
.border{ border-color:rgb(89, 137, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 137, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 137, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 137, 98);  
box-shadow:4px 4px 4px 4px rgb(89, 137,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 29.534, 147.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 137, 98) }
```

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

```
.background{ background-color: rgb(89, 137,  
98) }
```

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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