

Converting Colors

CIELCh(53, 48.427, 148.974)

Have a look what the booklet for
CIELCh(53, 48.427, 148.974)
contains.

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Color

CIELCh(53, 48.104, 149.173)

Conversions

Conversions Part 1

Format	Color
Hex	338F52
RGB	51, 143, 82
RGB Percent	20%, 56%, 32%
CMY	0.7989, 0.4382, 0.6775
CMYK	0.64, 0.00, 0.43, 0.44
HSL	140°, 47%, 38%
HSV	140°, 64%, 56%
XYZ	12.7728, 21.0462, 11.4185
YIQ	108.5380, -35.2510, -38.4750

Conversions

Conversions Part 2

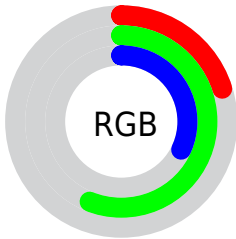
Format	Color
RYB	51, 120, 143
Decimal	3379026
CIELab	53.00, -41.31, 24.65
CIELCh	53, 48.104, 149.173
Yxy	21.0462, 0.2824, 0.4652
Android (android.graphics.Color)	4281569106 (0xFF338F52)
YUV	108.5380, -13.0832, -50.4608
Hunter-Lab	45.8761, -30.5852, 17.3561

Details

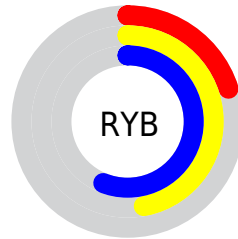
The CIELCh color **53, 48.104, 149.173** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **37, 48.167, 341.326**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 48.501, 149.158**, and **34, 45.205, 145.968** is the 20% darker color. If you saturate the color by 10%, you get **53, 54.170, 147.553**, and if you desaturate by 10%, it is **54, 41.421, 150.610**.

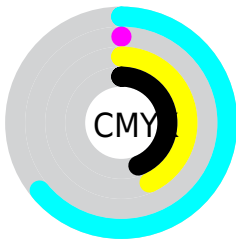
Distribution



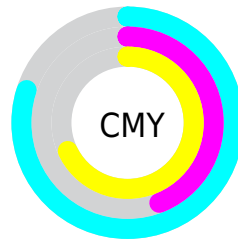
- Red (20%)
- Green (56%)
- Blue (32%)



- Red (20%)
- Yellow (47%)
- Blue (56%)



- Cyan (64%)
- Magenta (0%)
- Yellow (43%)
- Black (44%)





- Cyan (80%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 48.104, 149.173 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, 48.104, 149.173 by changing the saturation by 10% instead.


 53, 48.104,
149.173


 53, 48.104,
149.173


 100, 48.104,
149.173


 43, 48.104,
149.173


 73, 48.104,
149.173

 33, 48.104,
149.173

 83, 48.104,
149.173

 23, 48.104,
149.173

 93, 48.104,
149.173

 13, 48.104,
149.173

 3, 48.104, 149.173

 0, 48.104, 149.173

■ 53, 48.104,
149.173

■ 53, 48.104,
149.173

■ 53, 54.170,
147.553

■ 54, 41.421,
150.610

■ 52, 59.518,
145.758

■ 54, 34.246,
151.871

■ 52, 64.094,
143.826

■ 55, 26.717,
152.975

■ 52, 66.507,
142.774

■ 56, 18.969,
153.941

■ 58, 11.119,
154.794

■ 59, 3.269, 155.596

■ 60, 4.503, 336.110

■ 62, 12.140,
336.735

■ 64, 19.599,
337.271

Harmonies

Complementary

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



53, 48.104, 149.173



37, 48.167, 341.326

Rectangle

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



53, 48.104, 149.173



53, 48.104, 199.173



53, 48.104, 329.173



53, 48.104, 19.173

Sweetspot

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



53, 48.105, 149.173



72, 18.445, 154.363



56, 50.831, 119.952



38, 12.795, 154.139



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 48.105, 149.173



67, 68.675, 146.780



54, 30.801, 179.690



30, 4.402, 155.192



49, 63.575, 142.896



2, 2.967, 155.803

Inverse Universe

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



37, 48.167, 341.326



44, 66.598, 343.248



35, 41.764, 15.989



28, 4.428, 336.390



29, 56.611, 346.999



1, 2.968, 335.795

Previews

White Background



This preview shows how the CIELCh color 53, 48.104, 149.173 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, 48.104, 149.173 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, 48.104, 149.173

Background



This preview shows how black text looks on a background with the CIELCh color 53, 48.104, 149.173.



This preview shows how white text looks on a background with the CIELCh color 53, 48.104, 149.173.

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, 48.104, 149.173

Protanopia
53, 28.958, 95.665

Deuteranopia
53, 23.126, 72.022



Tritanopia
53, 21.451, 214.962

Trichromacy



Original Color
53, 48.104, 149.173



Protanomaly
52, 32.551, 126.554



Deuteranomaly
51, 24.753, 121.307



Tritanomaly
53, 27.434, 176.895

Monochromacy



Original Color
53, 48.104, 149.173



Achromatopsia
46, 0.006, 296.813



Achromatomaly
48, 18.654, 153.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 48.104, 149.173 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(51, 143, 82)` looks like.

```
.text, #text, p{  
    color:rgb(51, 143, 82)  
}
```

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(51, 143, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 143, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 48.104, 149.173 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(51, 143, 82) }
```

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

```
.border{ border-color:rgb(51, 143, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 143, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 143, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 143, 82);  
box-shadow:4px 4px 4px 4px rgb(51, 143,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 48.104, 149.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 143, 82) }
```

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

```
.background{ background-color: rgb(51, 143,  
82) }
```

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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