

Converting Colors

CIELCh(53, 46.858, 149.341)

Have a look what the booklet for
CIELCh(53, 46.858, 149.341)
contains.

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Color

CIELCh(53, 46.749, 149.494)

Conversions

Conversions Part 1

Format	Color
Hex	368F54
RGB	54, 143, 84
RGB Percent	21%, 56%, 33%
CMY	0.7885, 0.4395, 0.6708
CMYK	0.62, 0.00, 0.41, 0.44
HSL	140°, 45%, 39%
HSV	140°, 62%, 56%
XYZ	12.9276, 21.0462, 11.7558
YIQ	109.6630, -34.1050, -37.2170

Conversions

Conversions Part 2

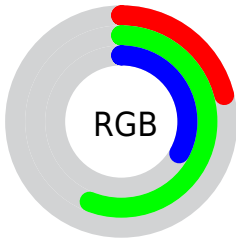
Format	Color
RYB	54, 121, 143
Decimal	3575636
CIELab	53.00, -40.28, 23.73
CIELCh	53, 46.749, 149.494
Yxy	21.0462, 0.2827, 0.4602
Android (android.graphics.Color)	4281765716 (0xFF368F54)
YUV	109.6630, -12.6519, -48.8165
Hunter-Lab	45.8761, -29.9831, 16.9202

Details

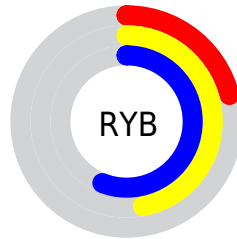
The CIELCh color **53, 46.749, 149.494** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **37, 46.942, 341.137**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 47.058, 149.269**, and **34, 44.348, 146.861** is the 20% darker color. If you saturate the color by 10%, you get **52, 52.929, 147.909**, and if you desaturate by 10%, it is **54, 39.977, 150.896**.

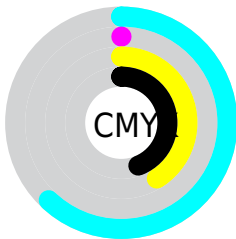
Distribution



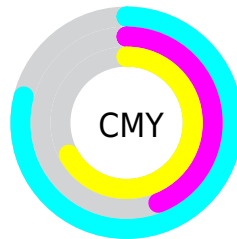
- Red (21%)
- Green (56%)
- Blue (33%)



- Red (21%)
- Yellow (47%)
- Blue (56%)



- Cyan (62%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)



- Cyan (79%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 46.749, 149.494 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, 46.749, 149.494 by changing the saturation by 10% instead.

 53, 46.749,
149.494

 53, 46.749,
149.494

 100, 46.749,
149.494

 43, 46.749,
149.494

 73, 46.749,
149.494

 33, 46.749,
149.494

 83, 46.749,
149.494

 23, 46.749,
149.494

 93, 46.749,
149.494

 13, 46.749,
149.494

 3, 46.749, 149.494

 0, 46.749, 149.494

■ 53, 46.749,
149.494

■ 53, 46.749,
149.494

■ 52, 52.929,
147.909

■ 54, 39.977,
150.896

■ 52, 58.409,
146.146

■ 54, 32.741,
152.125

■ 52, 63.123,
144.233

■ 55, 25.178,
153.201

■ 52, 66.354,
142.804

■ 56, 17.420,
154.144

■ 58, 9.583, 154.979

■ 59, 1.761, 155.831

■ 61, 5.971, 336.274

■ 62, 13.558,
336.875

■ 64, 20.962,
337.399

Harmonies

Complementary

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



53, 46.749, 149.494



37, 46.942, 341.137

Rectangle

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



53, 46.749, 149.494



53, 46.749, 199.494



53, 46.749, 329.494



53, 46.749, 19.494

Sweetspot

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



53, 46.750, 149.494



72, 18.434, 154.393



56, 49.446, 119.998



38, 12.788, 154.169



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, 46.750, 149.494



67, 67.280, 147.169



54, 30.105, 179.917



30, 4.399, 155.223



49, 63.539, 142.921



2, 2.966, 155.834

Inverse Universe

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



37, 46.942, 341.137



45, 65.648, 342.989



36, 40.439, 15.432



28, 4.426, 336.421



29, 56.587, 347.053



1, 2.966, 335.826

Previews

White Background



This preview shows how the CIELCh color 53, 46.749, 149.494 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, 46.749, 149.494 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, 46.749, 149.494

Background



This preview shows how black text looks on a background with the CIELCh color 53, 46.749, 149.494.



This preview shows how white text looks on a background with the CIELCh color 53, 46.749, 149.494.

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, 46.749, 149.494

Protanopia
53, 28.327, 96.452

Deuteranopia
52, 22.361, 72.214



Tritanopia
53, 20.988, 215.397

Trichromacy



Original Color
53, 46.749, 149.494

Protanomaly
52, 31.374, 126.597

Deuteranomaly
52, 24.212, 121.670

Tritanomaly
53, 26.683, 177.713

Monochromacy



Original Color
53, 46.749, 149.494

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 17.922, 154.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 46.749, 149.494 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(54, 143, 84)` looks like.

```
.text, #text, p{  
    color:rgb(54, 143, 84)  
}
```

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(54, 143, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 143, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 46.749, 149.494 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(54, 143, 84) }
```

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

```
.border{ border-color:rgb(54, 143, 84) }
```

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

Here you see how a box with a 4 pixel rgb(54, 143, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 143, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 143, 84);  
box-shadow:4px 4px 4px 4px rgb(54, 143,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 46.749, 149.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 143, 84) }
```

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

```
.background{ background-color: rgb(54, 143,  
84) }
```

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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