

Converting Colors

CIELCh(53, 45.705, 147.182)

Have a look what the booklet for
CIELCh(53, 45.705, 147.182)
contains.

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Color

CIELCh(53, 45.586, 147.118)

Conversions

Conversions Part 1

Format	Color
Hex	3E8E52
RGB	62, 142, 82
RGB Percent	24%, 56%, 32%
CMY	0.7561, 0.4424, 0.6777
CMYK	0.56, 0.00, 0.42, 0.44
HSL	135°, 39%, 40%
HSV	135°, 56%, 56%
XYZ	13.2308, 21.0462, 11.3828
YIQ	111.2400, -28.4200, -35.6200

Conversions

Conversions Part 2

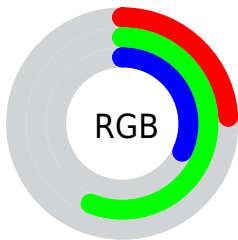
Format	Color
RYB	62, 126, 142
Decimal	4099666
CIELab	53.00, -38.28, 24.75
CIELCh	53, 45.586, 147.118
Yxy	21.0462, 0.2898, 0.4609
Android (android.graphics.Color)	4282289746 (0xFF3E8E52)
YUV	111.2400, -14.4153, -43.1835
Hunter-Lab	45.8761, -28.8032, 17.4022

Details

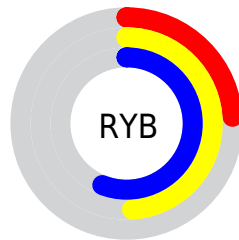
The CIELCh color **53, 45.586, 147.118** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39, 45.495, 336.316**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 45.447, 147.159**, and **33, 44.662, 146.177** is the 20% darker color. If you saturate the color by 10%, you get **52, 52.582, 145.706**, and if you desaturate by 10%, it is **54, 38.025, 148.365**.

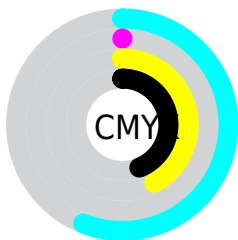
Distribution



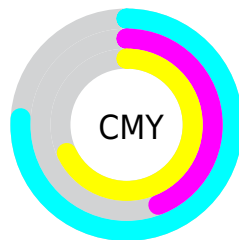
- Red (24%)
- Green (56%)
- Blue (32%)



- Red (24%)
- Yellow (49%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)





- Cyan (76%)
- Magenta (44%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 45.586, 147.118 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, 45.586, 147.118 by changing the saturation by 10% instead.


 53, 45.586,
147.118


 53, 45.586,
147.118


 100, 45.586,
147.118


 43, 45.586,
147.118


 73, 45.586,
147.118

 33, 45.586,
147.118

 83, 45.586,
147.118

 23, 45.586,
147.118

 93, 45.586,
147.118

 13, 45.586,
147.118

 3, 45.586, 147.118

 0, 45.586, 147.118

■ 53, 45.586,
147.118

■ 53, 45.586,
147.118

■ 52, 52.582,
145.706

■ 54, 38.025,
148.365

■ 52, 58.857,
144.135

■ 55, 30.058,
149.456

■ 52, 64.274,
142.439

■ 56, 21.841,
150.404

■ 51, 68.762,
140.708

■ 57, 13.507,
151.232

■ 51, 70.269,
140.142

■ 58, 5.171, 151.977

■ 60, 3.082, 332.471

■ 61, 11.186,
333.078

■ 63, 19.096,
333.571

■ 65, 26.784,
334.006

Harmonies

Complementary

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



53, 45.586, 147.118



39, 45.495, 336.316

Rectangle

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



53, 45.586, 147.118



53, 45.586, 197.118



53, 45.586, 327.118



53, 45.586, 17.118

Sweetspot

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



53, 45.587, 147.118



72, 17.407, 151.147



56, 44.183, 115.910



37, 11.607, 151.011



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 45.587, 147.118



66, 65.951, 145.227



54, 30.180, 172.374



30, 4.693, 151.762



49, 67.574, 140.236



2, 3.160, 152.332

Inverse Universe

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



39, 45.495, 336.316



46, 64.580, 337.477



38, 36.351, 6.202



28, 4.711, 332.873



30, 59.830, 340.918



1, 3.161, 332.325

Previews

White Background



This preview shows how the CIELCh color 53, 45.586, 147.118 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, 45.586, 147.118 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, 45.586, 147.118

Background



This preview shows how black text looks on a background with the CIELCh color 53, 45.586, 147.118.



This preview shows how white text looks on a background with the CIELCh color 53, 45.586, 147.118.

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, 45.586, 147.118

Protanopia
53, 28.958, 95.665

Deuteranopia
53, 23.610, 72.705



Tritanopia
53, 19.290, 217.184

Trichromacy



Original Color
53, 45.586, 147.118

Protanomaly
52, 31.966, 123.792

Deuteranomaly
52, 24.905, 117.154

Tritanomaly
53, 24.709, 176.309

Monochromacy



Original Color
53, 45.586, 147.118

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 17.105, 151.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 45.586, 147.118 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(62, 142, 82)` looks like.

```
.text, #text, p{  
    color:rgb(62, 142, 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(62, 142, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 142, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 45.586, 147.118 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(62, 142, 82) }
```

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

```
.border{ border-color:rgb(62, 142, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 142, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 142, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 142, 82);  
box-shadow:4px 4px 4px 4px rgb(62, 142,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 45.586, 147.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 142, 82) }
```

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

```
.background{ background-color: rgb(62, 142,  
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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