

Converting Colors

CIELCh(53, 46.327, 147.551)

Have a look what the booklet for
CIELCh(53, 46.327, 147.551)
contains.

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Color

CIELCh(53, 45.958, 147.571)

Conversions

Conversions Part 1

Format	Color
Hex	3C8E52
RGB	60, 142, 82
RGB Percent	24%, 56%, 32%
CMY	0.7631, 0.4416, 0.6771
CMYK	0.58, 0.00, 0.42, 0.44
HSL	136°, 40%, 40%
HSV	136°, 58%, 56%
XYZ	13.1531, 21.0462, 11.4205
YIQ	110.6420, -29.6120, -36.0440

Conversions

Conversions Part 2

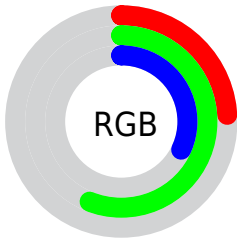
Format	Color
RYB	60, 125, 142
Decimal	3968594
CIELab	53.00, -38.79, 24.65
CIElCh	53, 45.958, 147.571
Yxy	21.0462, 0.2883, 0.4613
Android (android.graphics.Color)	4282158674 (0xFF3C8E52)
YUV	110.6420, -14.1205, -44.4130
Hunter-Lab	45.8761, -29.1056, 17.3535

Details

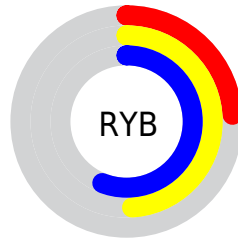
The CIELCh color $53, 45.958, 147.571$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $39, 45.898, 337.241$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $73, 45.869, 147.700$, and $33, 44.662, 146.177$ is the 20% darker color. If you saturate the color by 10%, you get $52, 52.785, 146.122$, and if you desaturate by 10%, it is $54, 38.559, 148.851$.

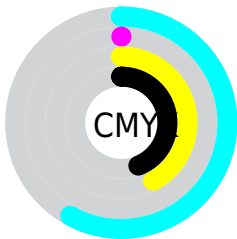
Distribution



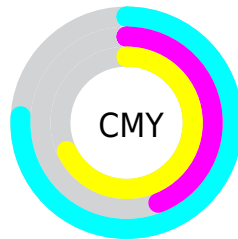
- Red (24%)
- Green (56%)
- Blue (32%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 45.958, 147.571 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, 45.958, 147.571 by changing the saturation by 10% instead.


 53, 45.958,
147.571


 53, 45.958,
147.571


 100, 45.958,
147.571


 43, 45.958,
147.571


 73, 45.958,
147.571

 33, 45.958,
147.571

 83, 45.958,
147.571

 23, 45.958,
147.571

 93, 45.958,
147.571

 13, 45.958,
147.571

 3, 45.958, 147.571

 0, 45.958, 147.571

■ 53, 45.958,
147.571

■ 53, 45.958,
147.571

■ 52, 52.785,
146.122

■ 54, 38.559,
148.851

■ 52, 58.891,
144.511

■ 55, 30.740,
149.970

■ 52, 64.158,
142.767

■ 56, 22.653,
150.946

■ 51, 68.557,
141.008

■ 57, 14.434,
151.797

■ 51, 69.535,
140.634

■ 58, 6.195, 152.557

■ 60, 1.974, 333.031

■ 61, 10.006,
333.702

■ 63, 17.853,
334.216

■ 64, 25.486,
334.669

Harmonies

Complementary

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



53, 45.958, 147.571



39, 45.898, 337.241

Rectangle

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



53, 45.958, 147.571



53, 45.958, 197.571



53, 45.958, 327.571



53, 45.958, 17.571

Sweetspot

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



53, 45.959, 147.571



73, 17.370, 151.814



56, 45.414, 117.314



38, 11.715, 151.672



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, 45.959, 147.571



67, 66.564, 145.669



54, 29.916, 174.804



30, 4.631, 152.438



49, 66.797, 140.733



2, 3.119, 153.016

Inverse Universe

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



39, 45.898, 337.241



47, 65.166, 338.466



37, 37.136, 9.062



28, 4.651, 333.566



30, 59.104, 342.102



1, 3.120, 333.009

Previews

White Background



This preview shows how the CIELCh color 53, 45.958, 147.571 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, 45.958, 147.571 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, 45.958, 147.571

Background



This preview shows how black text looks on a background with the CIELCh color 53, 45.958, 147.571.



This preview shows how white text looks on a background with the CIELCh color 53, 45.958, 147.571.

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, 45.958, 147.571

Protanopia
53, 28.867, 96.555

Deuteranopia
53, 23.126, 72.022



Tritanopia
53, 19.539, 216.906

Trichromacy



Original Color
53, 45.958, 147.571

Protanomaly
52, 32.105, 124.497

Deuteranomaly
52, 24.446, 118.418

Tritanomaly
53, 24.966, 176.500

Monochromacy



Original Color
53, 45.958, 147.571

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, 45.958, 147.571 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(60, 142, 82)` looks like.

```
.text, #text, p{  
    color:rgb(60, 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(60, 142, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 142, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 45.958, 147.571 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(60, 142, 82) }
```

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

```
.border{ border-color:rgb(60, 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(60, 142, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 142, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 142, 82);  
box-shadow:4px 4px 4px 4px rgb(60, 142,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 45.958, 147.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 142, 82) }
```

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

```
.background{ background-color: rgb(60, 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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