

Converting Colors

CIELCh(52, 54.521, 147.299)

Have a look what the booklet for
CIELCh(52, 54.521, 147.299)
contains.

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Color

CIELCh(52, 54.442, 147.364)

Conversions

Conversions Part 1

Format	Color
Hex	238E47
RGB	35, 142, 71
RGB Percent	14%, 56%, 28%
CMY	0.8630, 0.4433, 0.7217
CMYK	0.75, 0.00, 0.50, 0.44
HSL	140°, 60%, 35%
HSV	140°, 75%, 56%
XYZ	11.4941, 20.1443, 9.2375
YIQ	101.9130, -40.9810, -44.7650

Conversions

Conversions Part 2

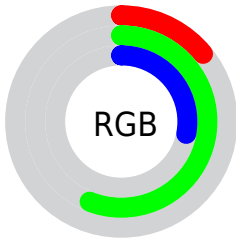
Format	Color
R_{YB}	35, 115, 142
Decimal	2330183
CIE _{Lab}	52.00, -45.85, 29.36
CIE _{LCh}	52, 54.442, 147.364
Y _{xy}	20.1443, 0.2812, 0.4928
Android (android.graphics.Color)	4280520263 (0xFF238E47)
YUV	101.9130, -15.2401, -58.6827
Hunter-Lab	44.8824, -32.8316, 19.2150

Details

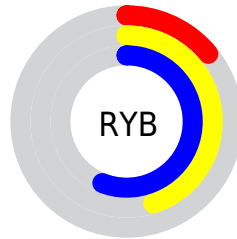
The CIELCh color **52, 54.442, 147.364** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34, 53.296, 342.774**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 54.427, 147.324**, and **33, 48.974, 141.688** is the 20% darker color. If you saturate the color by 10%, you get **52, 59.666, 145.552**, and if you desaturate by 10%, it is **52, 48.499, 149.003**.

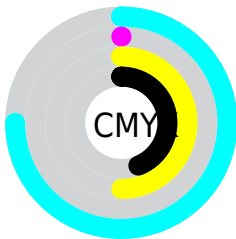
Distribution



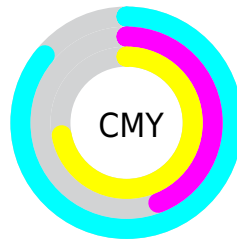
- Red (14%)
- Green (56%)
- Blue (28%)



- Red (14%)
- Yellow (45%)
- Blue (56%)



- Cyan (75%)
- Magenta (0%)
- Yellow (50%)
- Black (44%)





- Cyan (86%)
- Magenta (44%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 54.442, 147.364 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 52, 54.442, 147.364 by changing the saturation by 10% instead.


 52, 54.442,
147.364

 52, 54.442,
147.364


 100, 54.442,
147.364


 42, 54.442,
147.364


 72, 54.442,
147.364

 32, 54.442,
147.364

 82, 54.442,
147.364

 22, 54.442,
147.364

 92, 54.442,
147.364

 12, 54.442,
147.364

 2, 54.442, 147.364

 0, 54.442, 147.364

■ 52, 54.442,
147.364

■ 52, 54.442,
147.364

■ 52, 59.666,
145.552

■ 52, 48.499,
149.003

■ 51, 64.132,
143.620

■ 53, 41.929,
150.460

■ 51, 66.034,
142.797

■ 54, 34.857,
151.739

■ 55, 27.419,
152.859

■ 56, 19.748,
153.840

■ 57, 11.963,
154.704

■ 58, 4.168, 155.500

■ 60, 3.559, 336.025

■ 61, 11.156,
336.672

Harmonies

Complementary

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



52, 54.442, 147.364



34, 53.296, 342.774

Rectangle

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



52, 54.442, 147.364



52, 54.442, 197.364



52, 54.442, 327.364



52, 54.442, 17.364

Sweetspot

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



52, 54.442, 147.364



71, 22.076, 154.013



55, 57.239, 119.862



37, 15.218, 153.719



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 54.442, 147.364



66, 75.696, 144.301



53, 33.827, 178.310



30, 4.401, 155.198



49, 63.568, 142.900



2, 2.967, 155.808

Inverse Universe

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



34, 53.296, 342.774



41, 69.715, 345.518



32, 48.301, 19.707



28, 4.428, 336.396



29, 56.607, 347.008



1, 2.967, 335.801

Previews

White Background



This preview shows how the CIELCh color 52, 54.442, 147.364 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 52, 54.442, 147.364 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 52, 54.442, 147.364

Background



This preview shows how black text looks on a background with the CIELCh color 52, 54.442, 147.364.



This preview shows how white text looks on a background with the CIELCh color 52, 54.442, 147.364.

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

52, 54.442, 147.364

Protanopia

52, 33.931, 95.563

Deuteranopia

52, 27.916, 76.288



Tritanopia
52, 22.737, 213.868

Trichromacy



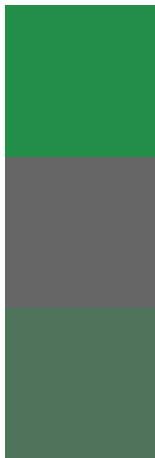
Original Color
52, 54.442, 147.364

Protanomaly
51, 37.923, 126.614

Deuteranomaly
51, 30.711, 122.164

Tritanomaly
52, 30.251, 174.925

Monochromacy



Original Color
52, 54.442, 147.364

Achromatopsia
43, 0.006, 296.813

Achromatomaly
46, 22.132, 153.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 54.442, 147.364 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(35, 142, 71)` looks like.

```
.text, #text, p{  
    color:rgb(35, 142, 71)  
}
```

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(35, 142, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 142, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 54.442, 147.364 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(35, 142, 71) }
```

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

```
.border{ border-color:rgb(35, 142, 71) }
```

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

Here you see how a box with a 4 pixel rgb(35, 142, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 142, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 142, 71);  
box-shadow:4px 4px 4px 4px rgb(35, 142,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 54.442, 147.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 142, 71) }
```

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

```
.background{ background-color: rgb(35, 142,  
71) }
```

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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