

Converting Colors

CIELCh(53, 56.393, 144.413)

Have a look what the booklet for
CIELCh(53, 56.393, 144.413)
contains.

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Color

CIELCh(53, 56.585, 144.445)

Conversions

Conversions Part 1

Format	Color
Hex	2B9143
RGB	43, 145, 67
RGB Percent	17%, 57%, 26%
CMY	0.8295, 0.4330, 0.7388
CMYK	0.70, 0.00, 0.54, 0.43
HSL	134°, 54%, 37%
HSV	134°, 70%, 57%
XYZ	12.0785, 21.0462, 8.6758
YIQ	105.6100, -35.7540, -45.8820

Conversions

Conversions Part 2

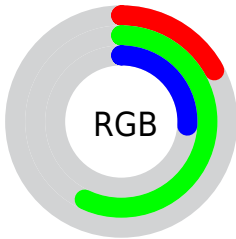
Format	Color
R_{YB}	43, 126, 145
Decimal	2855235
CIE _{Lab}	53.00, -46.04, 32.90
CIE _{LCh}	53, 56.585, 144.445
Yxy	21.0462, 0.2890, 0.5035
Android (android.graphics.Color)	4281045315 (0xFF2B9143)
YUV	105.6100, -19.0347, -54.9090
Hunter-Lab	45.8761, -33.2868, 20.9008

Details

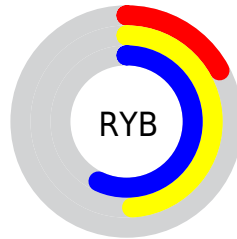
The CIELCh color **53, 56.585, 144.445** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **36, 55.237, 336.550**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 56.846, 144.713**, and **34, 52.221, 139.898** is the 20% darker color. If you saturate the color by 10%, you get **53, 62.693, 142.850**, and if you desaturate by 10%, it is **54, 49.658, 145.902**.

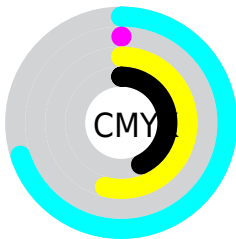
Distribution



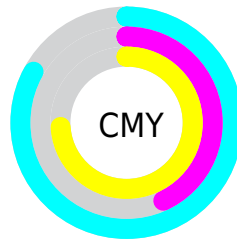
- Red (17%)
- Green (57%)
- Blue (26%)



- Red (17%)
- Yellow (49%)
- Blue (57%)



- Cyan (70%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)





- Cyan (83%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 56.585, 144.445 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, 56.585, 144.445 by changing the saturation by 10% instead.


 53, 56.585,
144.445


 53, 56.585,
144.445


 100, 56.585,
144.445


 43, 56.585,
144.445


 73, 56.585,
144.445

 33, 56.585,
144.445

 83, 56.585,
144.445

 23, 56.585,
144.445

 93, 56.585,
144.445

 13, 56.585,
144.445

 3, 56.585, 144.445

 0, 56.585, 144.445

■ 53, 56.585,
144.445

■ 53, 56.585,
144.445

■ 53, 62.693,
142.850

■ 54, 49.658,
145.902

■ 52, 67.841,
141.166

■ 54, 42.073,
147.199

■ 52, 72.042,
139.589

■ 55, 34.005,
148.337

■ 52, 72.067,
139.580

■ 56, 25.619,
149.329

■ 57, 17.066,
150.190

■ 59, 8.472, 150.948

■ 60, 0.062, 327.541

■ 62, 8.462, 332.100

■ 63, 16.674,
332.610

Harmonies

Complementary

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



53, 56.585, 144.445



36, 55.237, 336.550

Rectangle

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



53, 56.585, 144.445



53, 56.585, 194.445



53, 56.585, 324.445



53, 56.585, 14.445

Sweetspot

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



53, 56.585, 144.445



73, 22.346, 150.068



57, 53.596, 114.683



38, 15.079, 149.865



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, 56.585, 144.445



67, 80.104, 141.873



54, 36.597, 169.115



30, 4.764, 151.003



49, 68.429, 139.698



2, 3.208, 151.565

Inverse Universe

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



36, 55.237, 336.550



44, 74.812, 338.066



34, 45.058, 8.620



28, 4.781, 332.096



30, 60.702, 339.601



1, 3.208, 331.558

Previews

White Background



This preview shows how the CIELCh color 53, 56.585, 144.445 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, 56.585, 144.445 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, 56.585, 144.445

Background



This preview shows how black text looks on a background with the CIELCh color 53, 56.585, 144.445.



This preview shows how white text looks on a background with the CIELCh color 53, 56.585, 144.445.

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, 56.720, 144.586

Protanopia
53, 37.418, 96.117

Deuteranopia
53, 31.319, 77.402



Tritanopia
53, 21.902, 214.554

Trichromacy



Original Color
53, 56.720, 144.586

Protanomaly
52, 41.389, 123.304

Deuteranomaly
51, 33.429, 118.317

Tritanomaly
53, 29.859, 172.377

Monochromacy



Original Color
53, 56.720, 144.586

Achromatopsia
44, 0.006, 296.813

Achromatomaly
47, 22.186, 149.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 56.585, 144.445 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(43, 145, 67)` looks like.

```
.text, #text, p{  
    color:rgb(43, 145, 67)  
}
```

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(43, 145, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 145, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 56.585, 144.445 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(43, 145, 67) }
```

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

```
.border{ border-color:rgb(43, 145, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 145, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 145, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 145, 67);  
box-shadow:4px 4px 4px 4px rgb(43, 145,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 56.585, 144.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 145, 67) }
```

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

```
.background{ background-color: rgb(43, 145,  
67) }
```

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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