

Converting Colors

CIELCh(53, 59.157, 146.917)

Have a look what the booklet for
CIELCh(53, 59.157, 146.917)
contains.

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Color

CIELCh(53, 59.139, 146.987)

Conversions

Conversions Part 1

Format	Color
Hex	149244
RGB	20, 146, 68
RGB Percent	8%, 57%, 27%
CMY	0.9198, 0.4285, 0.7342
CMYK	0.86, 0.00, 0.54, 0.43
HSL	143°, 75%, 33%
HSV	143°, 86%, 57%
XYZ	11.5732, 21.0462, 8.8839
YIQ	99.4340, -50.0580, -50.9700

Conversions

Conversions Part 2

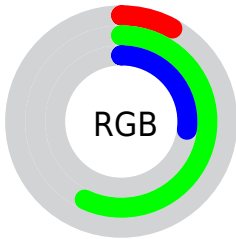
Format	Color
R_{YB}	20, 111, 146
Decimal	1348164
CIE _{Lab}	53.00, -49.59, 32.22
CIE _{LCh}	53, 59.139, 146.987
Yxy	21.0462, 0.2789, 0.5071
Android (android.graphics.Color)	4279538244 (0xFF149244)
YUV	99.4340, -15.4970, -69.6636
Hunter-Lab	45.8761, -35.2529, 20.6318

Details

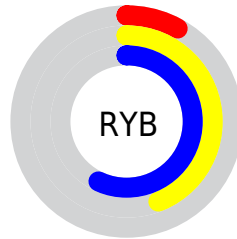
The CIELCh color **53, 59.139, 146.987** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **33, 56.480, 347.206**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 59.179, 147.146**, and **34, 52.385, 140.082** is the 20% darker color. If you saturate the color by 10%, you get **53, 63.530, 144.984**, and if you desaturate by 10%, it is **53, 54.037, 148.857**.

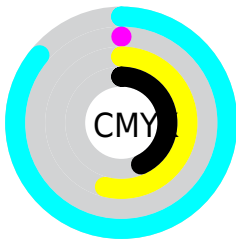
Distribution



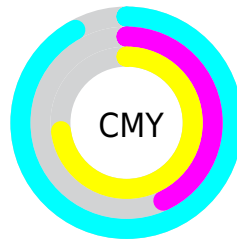
- Red (8%)
- Green (57%)
- Blue (27%)



- Red (8%)
- Yellow (44%)
- Blue (57%)



- Cyan (86%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)





- Cyan (92%)
- Magenta (43%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 59.139, 146.987 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, 59.139, 146.987 by changing the saturation by 10% instead.


 53, 59.139,
146.987


 53, 59.139,
146.987


 100, 59.139,
146.987


 43, 59.139,
146.987


 73, 59.139,
146.987

 33, 59.139,
146.987

 83, 59.139,
146.987

 23, 59.139,
146.987

 93, 59.139,
146.987

 13, 59.139,
146.987

 3, 59.139, 146.987

 0, 59.139, 146.987

■ 53, 59.139,
146.987

■ 53, 59.139,
146.987

■ 53, 63.530,
144.984

■ 53, 54.037,
148.857

■ 53, 65.191,
144.228

■ 54, 48.233,
150.543

■ 54, 41.807,
152.038

■ 55, 34.871,
153.353

■ 56, 27.557,
154.506

■ 57, 19.993,
155.518

■ 58, 12.299,
156.415

■ 60, 4.577, 157.240

Harmonies

Complementary

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



53, 59.139, 146.987



33, 56.480, 347.206

Rectangle

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



53, 59.139, 146.987



53, 59.139, 196.987



53, 59.139, 326.987



53, 59.139, 16.987

Sweetspot

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



53, 59.139, 146.987



72, 24.713, 155.464



55, 64.101, 121.593



37, 16.680, 155.166



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, 59.139, 146.987



67, 79.710, 143.753



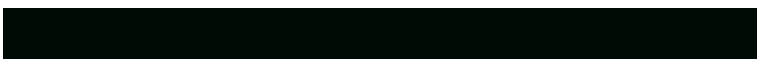
54, 35.657, 180.307



31, 4.396, 156.972



50, 62.384, 144.349



2, 3.840, 157.609

Inverse Universe

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



33, 56.480, 347.206



41, 70.405, 351.043



31, 56.132, 26.707



29, 4.428, 338.224



30, 56.103, 350.258



1, 3.840, 337.600

Previews

White Background



This preview shows how the CIELCh color 53, 59.139, 146.987 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, 59.139, 146.987 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, 59.139, 146.987

Background



This preview shows how black text looks on a background with the CIELCh color 53, 59.139, 146.987.



This preview shows how white text looks on a background with the CIELCh color 53, 59.139, 146.987.

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, 59.211, 147.053

Protanopia
53, 36.912, 96.066

Deuteranopia
53, 30.326, 76.606



Tritanopia
53, 24.216, 212.674

Trichromacy



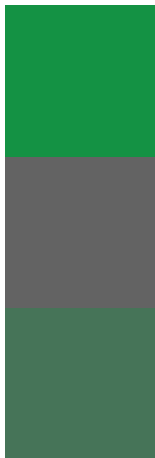
Original Color
53, 59.211, 147.053

Protanomaly
51, 42.162, 127.733

Deuteranomaly
51, 33.895, 124.169

Tritanomaly
53, 32.939, 174.450

Monochromacy



Original Color
53, 59.211, 147.053

Achromatopsia
42, 0.006, 296.813

Achromatomaly
45, 24.872, 154.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 59.139, 146.987 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(20, 146, 68)` looks like.

```
.text, #text, p{  
    color:rgb(20, 146, 68)  
}
```

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(20, 146, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 146, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 59.139, 146.987 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(20, 146, 68) }
```

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

```
.border{ border-color:rgb(20, 146, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 146, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 146, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 146, 68);  
box-shadow:4px 4px 4px 4px rgb(20, 146,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 59.139, 146.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 146, 68) }
```

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

```
.background{ background-color: rgb(20, 146,  
68) }
```

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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