

Converting Colors

CIELCh(53, 42.066, 167.718)

Have a look what the booklet for
CIELCh(53, 42.066, 167.718)
contains.

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Color

CIELCh(53, 42.141, 167.686)

Conversions

Conversions Part 1

Format	Color
Hex	03906E
RGB	3, 144, 110
RGB Percent	1%, 56%, 43%
CMY	0.9898, 0.4358, 0.5691
CMYK	0.98, 0.00, 0.24, 0.44
HSL	166°, 96%, 29%
HSV	166°, 98%, 56%
XYZ	12.7933, 21.0462, 18.1046
YIQ	97.9650, -73.1220, -40.4660

Conversions

Conversions Part 2

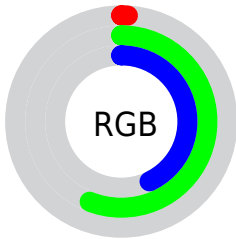
Format	Color
R _Y B	3, 83, 144
Decimal	233582
CIE Lab	53.00, -41.17, 8.99
CIE LCh	53, 42.141, 167.686
Yxy	21.0462, 0.2463, 0.4052
Android (android.graphics.Color)	4278423662 (0xFF03906E)
YUV	97.9650, 5.9333, -83.2843
Hunter-Lab	45.8761, -30.5058, 8.7150

Details

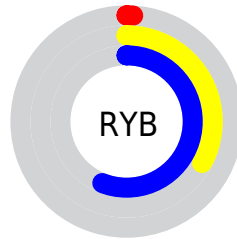
The CIELCh color **53, 42.141, 167.686** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **30, 57.872, 24.174**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 42.171, 167.823**, and **34, 33.725, 161.506** is the 20% darker color. If you saturate the color by 10%, you get **53, 42.501, 167.367**, and if you desaturate by 10%, it is **53, 40.102, 169.517**.

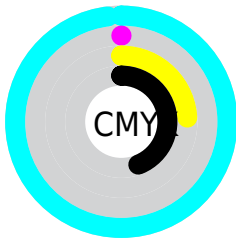
Distribution



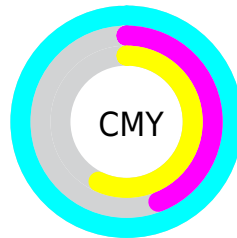
- Red (1%)
- Green (56%)
- Blue (43%)



- Red (1%)
- Yellow (33%)
- Blue (56%)



- Cyan (98%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (99%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 42.141, 167.686 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, 42.141, 167.686 by changing the saturation by 10% instead.

 53, 42.141,
167.686

 53, 42.141,
167.686

 100, 42.141,
167.686

 43, 42.141,
167.686


 73, 42.141,
167.686

 33, 42.141,
167.686

 83, 42.141,
167.686

 23, 42.141,
167.686

 93, 42.141,
167.686

 13, 42.141,
167.686

 3, 42.141, 167.686

 0, 42.141, 167.686

■ 53, 42.141,
167.686

■ 53, 42.141,
167.686

■ 53, 42.501,
167.367

■ 53, 40.102,
169.517

■ 53, 37.559,
171.219

■ 54, 34.390,
172.752

■ 54, 30.605,
174.134

■ 55, 26.252,
175.388

■ 56, 21.407,
176.536

■ 57, 16.160,
177.598

■ 58, 10.605,

178.595

■ 59, 4.834, 179.564

Harmonies

Complementary

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



53, 42.141, 167.686



30, 57.872, 24.174

Rectangle

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



53, 42.141, 167.686



53, 42.141, 217.686



53, 42.141, 347.686



53, 42.141, 37.686

Sweetspot

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



53, 42.141, 167.685



72, 20.449, 177.454



52, 75.316, 133.730



37, 14.027, 177.051



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, 42.141, 167.685



67, 51.706, 166.919



43, 29.482, 244.507



30, 3.305, 179.467



50, 40.543, 167.491



2, 2.256, 180.217

Inverse Universe

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



30, 57.872, 24.174



39, 71.519, 26.285



32, 61.572, 45.573



28, 3.410, 0.981



27, 55.879, 24.646



0, 2.257, 0.203

Previews

White Background



This preview shows how the CIE LCh color 53, 42.141, 167.686 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, 42.141, 167.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

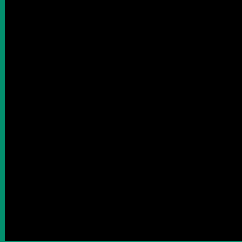
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 42.141, 167.686

Background



This preview shows how black text looks on a background with the CIELCh color 53, 42.141, 167.686.



This preview shows how white text looks on a background with the CIELCh color 53, 42.141, 167.686.

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, 42.141, 167.686

Protanopia
53, 14.784, 94.878

Deuteranopia
53, 9.477, 41.572



Tritanopia
53, 27.026, 210.785

Trichromacy



Original Color
53, 42.141, 167.686



Protanomaly
51, 24.383, 155.256



Deuteranomaly
51, 17.527, 165.422



Tritanomaly
53, 31.268, 189.988

Monochromacy



Original Color
53, 42.141, 167.686



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 20.892, 175.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 42.141, 167.686 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(3, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(3, 144, 110)  
}
```

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(3, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 144, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 42.141, 167.686 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(3, 144, 110) }
```

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

```
.border{ border-color:rgb(3, 144, 110) }
```

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

Here you see how a box with a 4 pixel rgb(3, 144, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 144, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 144, 110);  
box-shadow:4px 4px 4px 4px rgb(3, 144,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 42.141, 167.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 144, 110) }
```

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

```
.background{ background-color: rgb(3, 144,  
110) }
```

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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