

Converting Colors

CIELCh(56, 52.933, 153.494)

Have a look what the booklet for
CIELCh(56, 52.933, 153.494)
contains.

CIELCh(56, 52.800, 153.519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 52.800, 153.519)

Conversions

Conversions Part 1

Format	Color
Hex	1D995B
RGB	29, 153, 91
RGB Percent	11%, 60%, 36%
CMY	0.8878, 0.3986, 0.6419
CMYK	0.81, 0.00, 0.40, 0.40
HSL	150°, 69%, 36%
HSV	150°, 81%, 60%
XYZ	13.8457, 23.9124, 13.8545
YIQ	108.8560, -54.0020, -45.5700

Conversions

Conversions Part 2

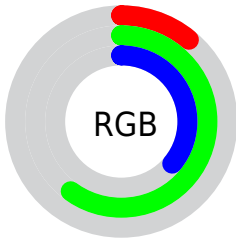
Format	Color
R_{YB}	29, 112, 153
Decimal	1939803
CIE _{Lab}	56.00, -47.26, 23.54
CIE _{LCh}	56, 52.800, 153.519
Yxy	23.9124, 0.2683, 0.4633
Android (android.graphics.Color)	4280129883 (0xFF1D995B)
YUV	108.8560, -8.8030, -70.0337
Hunter-Lab	48.9003, -35.0350, 17.4321

Details

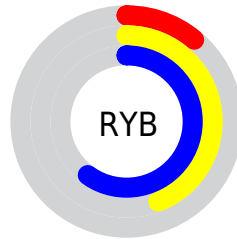
The CIELCh color **56, 52.800, 153.519** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 54.277, 355.316**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 52.351, 153.564**, and **37, 46.658, 147.540** is the 20% darker color. If you saturate the color by 10%, you get **56, 57.030, 151.462**, and if you desaturate by 10%, it is **56, 47.905, 155.376**.

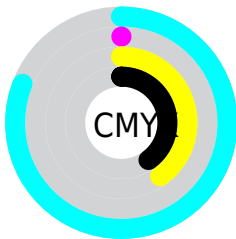
Distribution



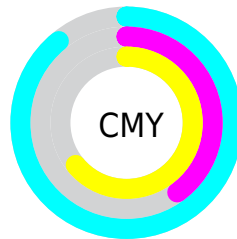
- Red (11%)
- Green (60%)
- Blue (36%)



- Red (11%)
- Yellow (44%)
- Blue (60%)



- Cyan (81%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)





- Cyan (89%)
- Magenta (40%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 52.800, 153.519 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 56, 52.800, 153.519 by changing the saturation by 10% instead.


 56, 52.800,
153.519


 56, 52.800,
153.519


 100, 52.800,
153.519


 46, 52.800,
153.519


 76, 52.800,
153.519

 36, 52.800,
153.519

 86, 52.800,
153.519

 26, 52.800,
153.519

 96, 52.800,
153.519

 16, 52.800,
153.519

 6, 52.800, 153.519

 0, 52.800, 153.519

■ 56, 52.800,
153.519

■ 56, 52.800,
153.519

■ 56, 57.030,
151.462

■ 56, 47.905,
155.376

■ 56, 60.303,
149.640

■ 57, 42.367,
157.030

■ 58, 36.256,
158.494

■ 58, 29.677,
159.789

■ 59, 22.748,
160.938

■ 61, 15.585,
161.966

■ 62, 8.296, 162.901

■ 63, 0.975, 164.031

Harmonies

Complementary

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



56, 52.800, 153.519



35, 54.277, 355.316

Rectangle

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



56, 52.800, 153.519



56, 52.800, 203.519



56, 52.800, 333.519



56, 52.800, 23.519

Sweetspot

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



56, 52.800, 153.519



76, 21.633, 161.656



57, 67.107, 126.478



40, 14.794, 161.321



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 52.800, 153.519



71, 72.962, 149.584



58, 32.613, 196.526



32, 4.126, 163.092



51, 56.272, 149.837



3, 4.491, 163.349

Inverse Universe

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



35, 54.277, 355.316



43, 69.972, 1.698



33, 60.036, 33.768



30, 4.177, 344.500



30, 54.394, 1.210



1, 4.440, 344.244

Previews

White Background



This preview shows how the CIELCh color 56, 52.800, 153.519 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 56, 52.800, 153.519 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 56, 52.800, 153.519

Background



This preview shows how black text looks on a background with the CIELCh color 56, 52.800, 153.519.



This preview shows how white text looks on a background with the CIELCh color 56, 52.800, 153.519.

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
56, 52.707, 153.443

Protanopia
56, 28.717, 95.900

Deuteranopia
56, 22.337, 71.543



Tritanopia
56, 25.793, 211.492

Trichromacy



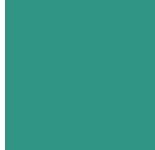
Original Color
56, 52.707, 153.443



Protanomaly
54, 34.154, 133.443



Deuteranomaly
54, 26.237, 131.760



Tritanomaly
56, 32.542, 179.935

Monochromacy



Original Color
56, 52.707, 153.443



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 21.872, 160.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 52.800, 153.519 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(29, 153, 91)` looks like.

```
.text, #text, p{  
    color:rgb(29, 153, 91)  
}
```

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(29, 153, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 153, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 52.800, 153.519 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(29, 153, 91) }
```

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

```
.border{ border-color:rgb(29, 153, 91) }
```

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

Here you see how a box with a 4 pixel rgb(29, 153, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 153, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 153, 91);  
box-shadow:4px 4px 4px 4px rgb(29, 153,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 52.800, 153.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 153, 91) }
```

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

```
.background{ background-color: rgb(29, 153,  
91) }
```

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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