

Converting Colors

CIELCh(52, 35.854, 155.355)

Have a look what the booklet for
CIELCh(52, 35.854, 155.355)
contains.

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Color

CIELCh(52, 36.133, 155.191)

Conversions

Conversions Part 1

Format	Color
Hex	418A61
RGB	65, 138, 97
RGB Percent	25%, 54%, 38%
CMY	0.7453, 0.4590, 0.6198
CMYK	0.53, 0.00, 0.30, 0.46
HSL	146°, 36%, 40%
HSV	146°, 53%, 54%
XYZ	13.4115, 20.1443, 14.4775
YIQ	111.4990, -30.3470, -28.2270

Conversions

Conversions Part 2

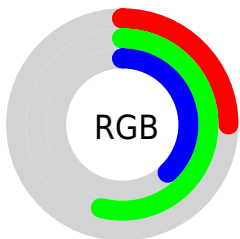
Format	Color
RYB	65, 116, 138
Decimal	4295265
CIELab	52.00, -32.80, 15.16
CIELCh	52, 36.133, 155.191
Yxy	20.1443, 0.2792, 0.4194
Android (android.graphics.Color)	4282485345 (0xFF418A61)
YUV	111.4990, -7.1480, -40.7796
Hunter-Lab	44.8824, -25.2061, 12.2928

Details

The CIELCh color **52, 36.133, 155.191** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **38, 37.426, 345.526**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 36.062, 155.348**, and **32, 36.088, 155.042** is the 20% darker color. If you saturate the color by 10%, you get **51, 42.086, 153.739**, and if you desaturate by 10%, it is **53, 29.745, 156.470**.

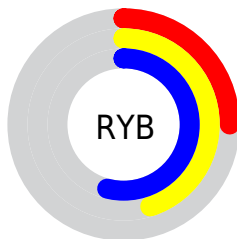
Distribution



Red (25%)

Green (54%)

Blue (38%)



Red (25%)

Yellow (45%)

Blue (54%)

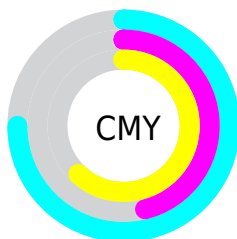


Cyan (53%)

Magenta (0%)

Yellow (30%)

Black (46%)



Cyan (75%)


Magenta (46%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 36.133, 155.191 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, 36.133, 155.191 by changing the saturation by 10% instead.


 52, 36.133,
155.191


 52, 36.133,
155.191


 100, 36.133,
155.191


 42, 36.133,
155.191


 72, 36.133,
155.191

 32, 36.133,
155.191

 82, 36.133,
155.191

 22, 36.133,
155.191

 92, 36.133,
155.191

 12, 36.133,
155.191

 2, 36.133, 155.191

 0, 36.133, 155.191

■ 52, 36.133,
155.191

■ 52, 36.133,
155.191

■ 51, 42.086,
153.739

■ 53, 29.745,
156.470

■ 51, 47.500,
152.097

■ 54, 23.035,
157.599

■ 51, 52.304,
150.259

■ 55, 16.115,
158.600

■ 50, 56.468,
148.238

■ 56, 9.090, 159.498

■ 50, 59.177,
146.839

■ 57, 2.045, 160.401

■ 58, 4.947, 340.914

■ 60, 11.835,
341.597

■ 61, 18.579,
342.200

■ 63, 25.154,
342.751

Harmonies

Complementary

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



52, 36.133, 155.191



38, 37.426, 345.526

Rectangle

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



52, 36.133, 155.191



52, 36.133, 205.191



52, 36.133, 335.191



52, 36.133, 25.191

Sweetspot

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



52, 36.134, 155.191



70, 13.895, 159.200



54, 42.556, 124.266



36, 9.344, 159.045



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 36.134, 155.191



65, 52.520, 153.355



53, 24.343, 190.323



28, 3.960, 159.820



48, 57.393, 146.931



1, 1.838, 160.481

Inverse Universe

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



38, 37.426, 345.526



45, 54.006, 347.330



37, 33.718, 20.567



27, 3.997, 341.126



28, 53.196, 355.224



0, 1.838, 340.472

Previews

White Background



This preview shows how the CIELCh color 52, 36.133, 155.191 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, 36.133, 155.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

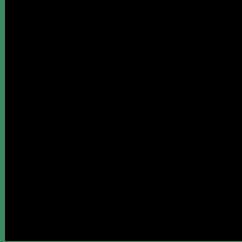
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 36.133, 155.191

Background



This preview shows how black text looks on a background with the CIELCh color 52, 36.133, 155.191.



This preview shows how white text looks on a background with the CIELCh color 52, 36.133, 155.191.

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, 36.133, 155.191

Protanopia
52, 19.425, 95.900

Deuteranopia
52, 14.872, 64.190



Tritanopia
52, 18.782, 217.840

Trichromacy



Original Color
52, 36.133, 155.191

Protanomaly
51, 21.859, 130.341

Deuteranomaly
51, 15.719, 125.375

Tritanomaly
52, 21.916, 184.866

Monochromacy



Original Color
52, 36.133, 155.191

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 14.029, 158.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 36.133, 155.191 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(65, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(65, 138, 97)  
}
```

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(65, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 138, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 36.133, 155.191 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(65, 138, 97) }
```

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

```
.border{ border-color:rgb(65, 138, 97) }
```

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

Here you see how a box with a 4 pixel rgb(65, 138, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(65, 138,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 36.133, 155.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 138, 97) }
```

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

```
.background{ background-color: rgb(65, 138,  
97) }
```

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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