

Converting Colors

CIELCh(53, 36.383, 106.556)

Have a look what the booklet for
CIELCh(53, 36.383, 106.556)
contains.

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Color

CIELCh(53, 36.220, 106.329)

Conversions

Conversions Part 1

Format	Color
Hex	818241
RGB	129, 130, 65
RGB Percent	51%, 51%, 25%
CMY	0.4938, 0.4898, 0.7448
CMYK	0.01, 0.00, 0.50, 0.49
HSL	61°, 33%, 38%
HSV	61°, 50%, 51%
XYZ	18.0185, 21.0462, 8.1266
YIQ	122.2910, 20.2690, -20.4270

Conversions

Conversions Part 2

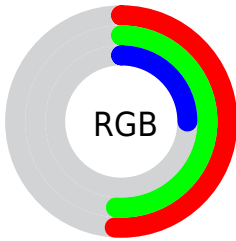
Format	Color
RYB	65, 130, 66
Decimal	8487489
CIELab	53.00, -10.18, 34.76
CIELCh	53, 36.220, 106.329
Yxy	21.0462, 0.3818, 0.4460
Android (android.graphics.Color)	4286677569 (0xFF818241)
YUV	122.2910, -28.2445, 5.8838
Hunter-Lab	45.8761, -10.1746, 21.6106

Details

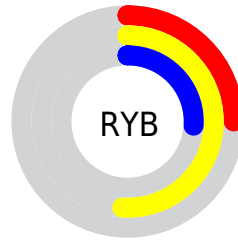
The CIELCh color **53, 36.220, 106.329** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **31, 41.316, 297.488**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 36.110, 106.636**, and **33, 36.362, 106.229** is the 20% darker color. If you saturate the color by 10%, you get **53, 42.641, 105.553**, and if you desaturate by 10%, it is **53, 29.346, 107.179**.

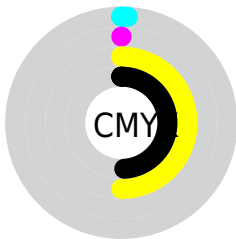
Distribution



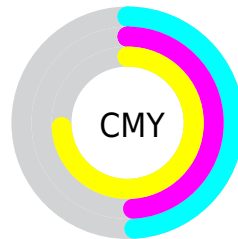
- Red (51%)
- Green (51%)
- Blue (25%)



- Red (25%)
- Yellow (51%)
- Blue (26%)



- Cyan (1%)
- Magenta (0%)
- Yellow (50%)
- Black (49%)





- Cyan (49%)
- Magenta (49%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 36.220, 106.329 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, 36.220, 106.329 by changing the saturation by 10% instead.


 53, 36.220,
106.329


 53, 36.220,
106.329


 100, 36.220,
106.329


 43, 36.220,
106.329


 73, 36.220,
106.329

 33, 36.220,
106.329

 83, 36.220,
106.329

 23, 36.220,
106.329

 93, 36.220,
106.329

 13, 36.220,
106.329

 3, 36.220, 106.329

 0, 36.220, 106.329

■ 53, 36.220,
106.329

■ 53, 36.220,
106.329

■ 53, 42.641,
105.553

■ 53, 29.346,
107.179

■ 53, 48.364,
104.879

■ 53, 22.188,
108.067

■ 53, 53.077,
104.347

■ 54, 14.860,
108.974

■ 53, 56.458,
103.997

■ 54, 7.438, 109.882

■ 52, 58.825,
103.779

■ 54, 0.030, 292.203

■ 52, 58.832,
103.779

■ 55, 7.511, 291.672

■ 55, 14.983,
292.521

■ 56, 22.430,
293.338

■ 56, 29.839,
294.119

Harmonies

Complementary

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



53, 36.220, 106.329



31, 41.316, 297.488

Rectangle

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



53, 36.220, 106.329



53, 36.220, 156.329



53, 36.220, 286.329



53, 36.220, 336.329

Sweetspot

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



53, 36.221, 106.332



68, 13.798, 109.395



36, 30.696, 24.750



35, 9.365, 109.236



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 36.221, 106.332



67, 52.483, 105.453



51, 39.141, 126.837



28, 4.274, 109.956



52, 58.818, 103.779



1, 1.028, 110.782

Inverse Universe

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



31, 41.316, 297.488



34, 62.508, 299.718



34, 42.017, 311.508



25, 4.364, 291.667



13, 81.105, 306.356



0, 1.029, 290.784

Previews

White Background



This preview shows how the CIELCh color 53, 36.220, 106.329 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, 36.220, 106.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

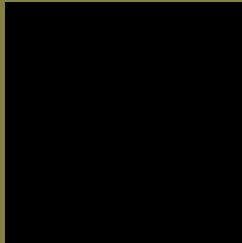
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 36.220, 106.329

Background



This preview shows how black text looks on a background with the CIELCh color 53, 36.220, 106.329.



This preview shows how white text looks on a background with the CIELCh color 53, 36.220, 106.329.

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, 36.220, 106.329

Protanopia

53, 35.860, 95.995

Deuteranopia

53, 34.979, 79.121



Tritanopia
53, 7.355, 335.198

Trichromacy



Original Color
53, 36.220, 106.329

Protanomaly
53, 35.985, 99.734

Deuteranomaly
53, 34.498, 88.668

Tritanomaly
53, 10.774, 92.932

Monochromacy



Original Color
53, 36.220, 106.329

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 13.830, 108.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 36.220, 106.329 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(129, 130, 65)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 65)  
}
```

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(129, 130, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 36.220, 106.329 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(129, 130, 65) }
```

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

```
.border{ border-color:rgb(129, 130, 65) }
```

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

Here you see how a box with a 4 pixel rgb(129, 130, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 65);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 36.220, 106.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 65) }
```

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

```
.background{ background-color: rgb(129,  
130, 65) }
```

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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