

Converting Colors

CIELCh(53, 36.445, 359.777)

Have a look what the booklet for
CIELCh(53, 36.445, 359.777)
contains.

CIELCh(53, 36.483, 359.818)	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(53, 36.483, 359.818)

Conversions

Conversions Part 1

Format	Color
Hex	B86580
RGB	184, 101, 128
RGB Percent	72%, 40%, 50%
CMY	0.2786, 0.6040, 0.4981
CMYK	0.00, 0.45, 0.30, 0.28
HSL	340°, 37%, 56%
HSV	340°, 45%, 72%
XYZ	28.3051, 21.0462, 22.9827
YIQ	128.8950, 40.8010, 25.9930

Conversions

Conversions Part 2

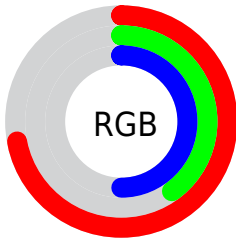
Format	Color
RYB	184, 101, 128
Decimal	12084608
CIELab	53.00, 36.48, -0.12
CIElCh	53, 36.483, 359.818
Yxy	21.0462, 0.3913, 0.2910
Android (android.graphics.Color)	4290274688 (0xFFB86580)
YUV	128.8950, -0.4412, 48.3271
Hunter-Lab	45.8761, 29.8494, 2.4105

Details

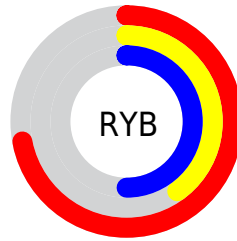
The CIELCh color $53, 36.483, 359.818$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $69, 32.320, 169.491$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 36.371, 359.779$, and $33, 36.222, 359.710$ is the 20% darker color. If you saturate the color by 10%, you get $49, 44.390, 1.809$, and if you desaturate by 10%, it is $57, 28.247, 358.193$.

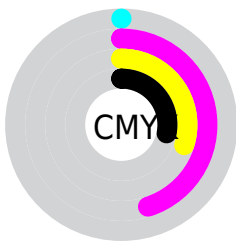
Distribution



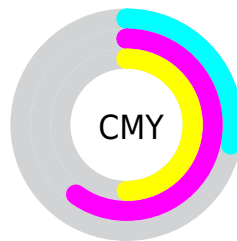
- Red (72%)
- Green (40%)
- Blue (50%)



- Red (72%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (60%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 36.483, 359.818 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, 36.483, 359.818 by changing the saturation by 10% instead.


 53, 36.483,
359.818


 53, 36.483,
359.818


 100, 36.483,
359.818


 43, 36.483,
359.818


 73, 36.483,
359.818

 33, 36.483,
359.818

 83, 36.483,
359.818

 23, 36.483,
359.818

 93, 36.483,
359.818

 13, 36.483,
359.818

 3, 36.483, 359.818

 0, 36.483, 359.818

53, 36.483,
359.818

53, 36.483,
359.818

49, 44.390, 1.809

57, 28.247,
358.193

45, 51.620, 4.291

62, 19.965,
356.832

43, 57.797, 7.429

40, 62.659, 11.389

67, 11.820,
355.662

39, 66.224, 16.267

72, 3.925, 354.586

39, 67.842, 18.776

77, 3.665, 173.937

83, 10.929,
173.072

88, 17.869,
172.349

93, 24.500,
171.701

■ 95, 25.003,
179.434

Harmonies

Complementary

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



53, 36.483, 359.818



69, 32.320, 169.491

Rectangle

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



53, 36.483, 359.818



53, 36.483, 49.818



53, 36.483, 179.818



53, 36.483, 229.818

Sweetspot

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



53, 36.480, 359.820



86, 13.556, 355.567



52, 51.279, 316.577



44, 9.389, 355.802



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



53, 36.480, 359.820



63, 53.938, 1.763



55, 32.015, 36.654



36, 4.377, 355.044



32, 59.728, 17.972



2, 11.303, 0.409

Inverse Universe

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



53, 36.480, 359.820



63, 53.938, 1.763



66, 22.862, 217.533



36, 4.377, 355.044



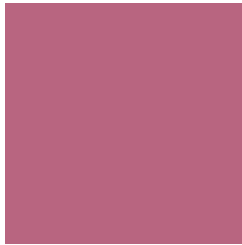
32, 59.728, 17.972



2, 11.303, 0.409

Previews

White Background



This preview shows how the CIELCh color 53, 36.483, 359.818 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, 36.483, 359.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

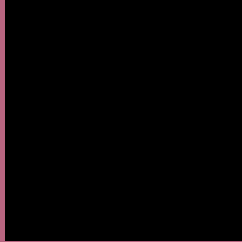
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 36.483, 359.818

Background



This preview shows how black text looks on a background with the CIELCh color 53, 36.483, 359.818.

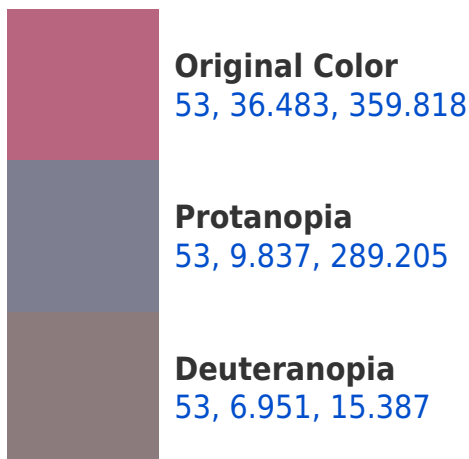


This preview shows how white text looks on a background with the CIELCh color 53, 36.483, 359.818.

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





Tritanopia
53, 33.391, 16.057

Trichromacy



Original Color
53, 36.483, 359.818

Protanomaly
53, 16.667, 334.634

Deuteranomaly
53, 17.732, 2.728

Tritanomaly
53, 34.238, 9.765

Monochromacy



Original Color
53, 36.483, 359.818

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 13.420, 355.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 36.483, 359.818 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(184, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 101, 128)  
}
```

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(184, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 101, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 36.483, 359.818 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(184, 101, 128) }
```

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

```
.border{ border-color:rgb(184, 101, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 101, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 101,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 36.483, 359.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 101, 128) }
```

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

```
.background{ background-color: rgb(184,  
101, 128) }
```

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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