

Converting Colors

CIELCh(53, 36.062, 6.163)

Have a look what the booklet for
CIELCh(53, 36.062, 6.163) contains.

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Color

CIELCh(53, 36.148, 6.279)

Conversions

Conversions Part 1

Format	Color
Hex	B96579
RGB	185, 101, 121
RGB Percent	73%, 40%, 47%
CMY	0.2740, 0.6034, 0.5250
CMYK	0.00, 0.45, 0.35, 0.27
HSL	346°, 38%, 56%
HSV	346°, 45%, 73%
XYZ	28.1650, 21.0462, 20.7062
YIQ	128.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

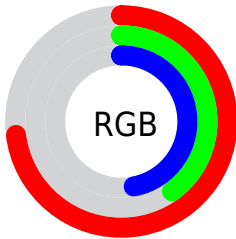
Format	Color
R_{YB}	185, 101, 121
Decimal	12150137
CIE _{Lab}	53.00, 35.93, 3.95
CIE _{LCh}	53, 36.148, 6.279
Yxy	21.0462, 0.4028, 0.3010
Android (android.graphics.Color)	4290340217 (0xFFB96579)
YUV	128.3960, -3.6462, 49.6417
Hunter-Lab	45.8761, 29.3044, 5.3528

Details

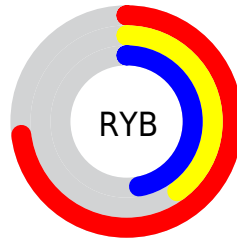
The CIELCh color **53, 36.148, 6.279** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 30.481, 175.817**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 35.886, 6.660**, and **33, 36.051, 5.906** is the 20% darker color. If you saturate the color by 10%, you get **49, 44.267, 8.456**, and if you desaturate by 10%, it is **57, 27.850, 4.529**.

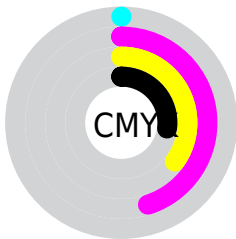
Distribution



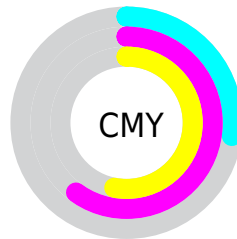
- Red (73%)
- Green (40%)
- Blue (47%)



- Red (73%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (27%)



- Cyan (27%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 36.148, 6.279 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, 36.148, 6.279 by changing the saturation by 10% instead.

 53, 36.148, 6.279  53, 36.148, 6.279

 100, 36.148, 6.279  43, 36.148, 6.279

 73, 36.148, 6.279  33, 36.148, 6.279

 83, 36.148, 6.279  23, 36.148, 6.279

 93, 36.148, 6.279  13, 36.148, 6.279

 3, 36.148, 6.279

 0, 36.148, 6.279

 53, 36.148, 6.279  53, 36.148, 6.279

 49, 44.267, 8.456  57, 27.850, 4.529

 45, 51.895, 11.195  62, 19.628, 3.088

■ 42, 58.698, 14.655

■ 67, 11.640, 1.873

■ 40, 64.456, 18.963

■ 72, 3.976, 0.773

■ 39, 69.198, 24.092

■ 78, 3.326, 180.149

■ 39, 71.330, 26.476

■ 83, 10.258,
179.278

■ 88, 16.834,
178.571

■ 94, 23.079,
177.945

■ 95, 23.196,
189.118

Harmonies

Complementary

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



53, 36.148, 6.279



70, 30.481, 175.817

Rectangle

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



53, 36.148, 6.279



53, 36.148, 56.279



53, 36.148, 186.279



53, 36.148, 236.279

Sweetspot

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



53, 36.145, 6.281



86, 13.038, 1.744



53, 52.492, 319.196



44, 9.040, 1.986



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, 36.145, 6.281



63, 53.250, 8.336



57, 30.893, 44.280



36, 4.200, 1.210



32, 62.340, 25.643



2, 11.008, 5.251

Inverse Universe

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



53, 36.145, 6.281



63, 53.250, 8.336



64, 22.524, 229.595



36, 4.200, 1.210



32, 62.340, 25.643



2, 11.008, 5.251

Previews

White Background



This preview shows how the CIELCh color 53, 36.148, 6.279 looks on a white background.

Color Contrast Check

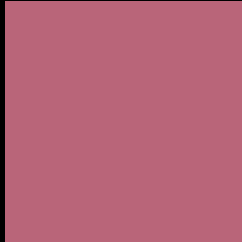
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.148, 6.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

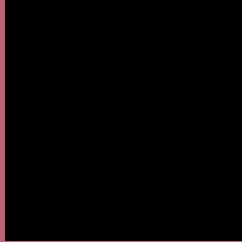
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 36.148, 6.279

Background



This preview shows how black text looks on a background with the CIELCh color 53, 36.148, 6.279.

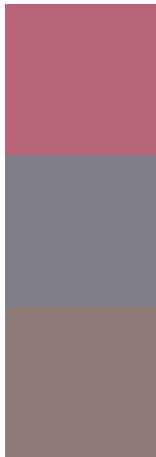


This preview shows how white text looks on a background with the CIELCh color 53, 36.148, 6.279.

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, 36.148, 6.279

Protanopia

53, 5.808, 294.710

Deuteranopia

53, 9.047, 42.527



Tritanopia
53, 34.762, 17.503

Trichromacy



Original Color
53, 36.148, 6.279

Protanomaly
53, 14.827, 348.215

Deuteranomaly
53, 18.105, 16.129

Tritanomaly
53, 35.070, 13.062

Monochromacy



Original Color
53, 36.148, 6.279

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 12.874, 2.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 36.148, 6.279 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(185, 101, 121)` looks like.

```
.text, #text, p{  
    color:rgb(185, 101, 121)  
}
```

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(185, 101, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 101, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 36.148, 6.279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

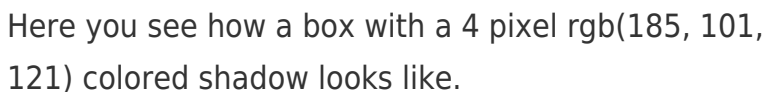
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 101, 121) }
```

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

```
.border{ border-color:rgb(185, 101, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 101, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 101, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 101, 121); box-shadow:4px 4px 4px 4px rgb(185, 101, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 36.148, 6.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 101, 121) }
```

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

```
.background{ background-color: rgb(185,  
101, 121) }
```

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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