

Converting Colors

CIELCh(53, 57.886, 326.977)

Have a look what the booklet for
CIELCh(53, 57.886, 326.977)
contains.

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Color

CIELCh(53, 58.032, 326.968)

Conversions

Conversions Part 1

Format	Color
Hex	B65DB6
RGB	182, 93, 182
RGB Percent	71%, 36%, 71%
CMY	0.2875, 0.6365, 0.2875
CMYK	0.00, 0.49, 0.00, 0.29
HSL	300°, 38%, 54%
HSV	300°, 49%, 71%
XYZ	31.5141, 21.0462, 46.4877
YIQ	129.7570, 24.4750, 46.5470

Conversions

Conversions Part 2

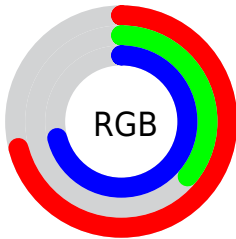
Format	Color
RYB	182, 93, 182
Decimal	11951542
CIELab	53.00, 48.65, -31.63
CIELCh	53, 58.032, 326.968
Yxy	21.0462, 0.3182, 0.2125
Android (android.graphics.Color)	4290141622 (0xFFB65DB6)
YUV	129.7570, 25.7558, 45.8171
Hunter-Lab	45.8761, 42.3354, -27.9671

Details

The CIELCh color **53, 58.032, 326.968** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67, 58.307, 140.517**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 58.239, 327.151**, and **33, 58.200, 326.945** is the 20% darker color. If you saturate the color by 10%, you get **50, 68.024, 327.379**, and if you desaturate by 10%, it is **57, 46.929, 326.500**.

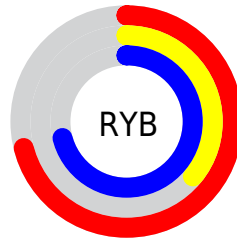
Distribution



Red (71%)

Green (36%)

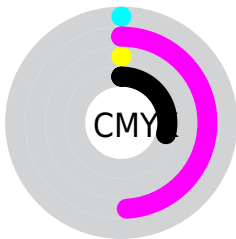
Blue (71%)



Red (71%)

Yellow (36%)

Blue (71%)

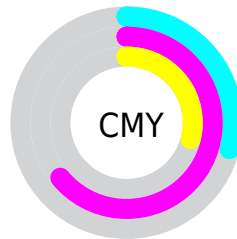


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (64%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 58.032, 326.968 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, 58.032, 326.968 by changing the saturation by 10% instead.

 53, 58.032,
326.968

 53, 58.032,
326.968


 100, 58.032,
326.968

 43, 58.032,
326.968


 73, 58.032,
326.968

 33, 58.032,
326.968

 83, 58.032,
326.968

 23, 58.032,
326.968

 93, 58.032,
326.968

 13, 58.032,
326.968

 3, 58.032, 326.968

 0, 58.032, 326.968

■ 53, 58.032,
326.968

■ 53, 58.032,
326.968

■ 50, 68.024,
327.379

■ 57, 46.929,
326.500

■ 47, 76.450,
327.717

■ 61, 35.148,
325.991

■ 45, 82.899,
327.971

■ 65, 23.035,
325.456

■ 44, 87.130,
328.134

■ 70, 10.852,
324.903

■ 43, 89.396,
328.220

■ 74, 1.219, 144.582

■ 43, 89.598,
328.228

■ 79, 13.060,
143.874

■ 84, 24.599,
143.354

■ 89, 35.798,
142.861

■ 94, 45.925,
142.425

Harmonies

Complementary

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



53, 58.032, 326.968



67, 58.307, 140.517

Rectangle

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



53, 58.032, 326.968



53, 58.032, 16.968



53, 58.032, 146.968



53, 58.032, 196.968

Sweetspot

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



53, 58.030, 326.968



85, 22.587, 325.252



44, 52.283, 296.577



44, 15.545, 325.368



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, 58.030, 326.968



64, 84.209, 327.418



51, 42.497, 347.784



36, 6.910, 324.923



37, 79.890, 328.228



3, 18.822, 324.739

Inverse Universe

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



50, 39.566, 24.818



59, 60.822, 27.336



68, 40.506, 157.742



36, 4.004, 19.906



32, 71.866, 39.594



2, 10.638, 19.398

Previews

White Background



This preview shows how the CIELCh color 53, 58.032, 326.968 looks on a white background.

Color Contrast Check

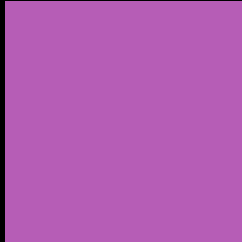
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.032, 326.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

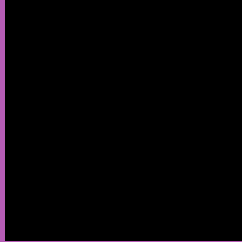
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 58.032, 326.968

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.032, 326.968.

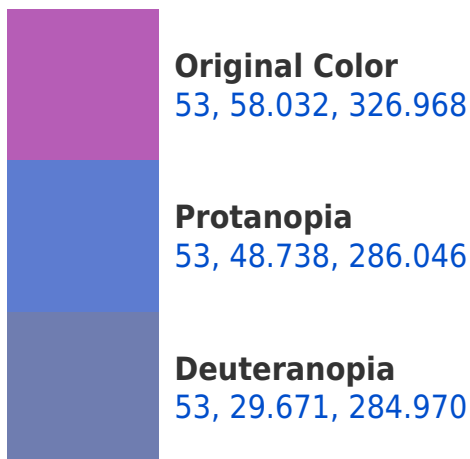


This preview shows how white text looks on a background with the CIELCh color 53, 58.032, 326.968.

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, 28.134, 13.751

Trichromacy



Original Color
53, 58.032, 326.968



Protanomaly
52, 49.522, 300.115



Deuteranomaly
52, 38.730, 306.601



Tritanomaly
53, 36.043, 347.480

Monochromacy



Original Color
53, 58.032, 326.968



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 22.211, 325.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.032, 326.968 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(182, 93, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 93, 182)  
}
```

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(182, 93, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 93, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.032, 326.968 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(182, 93, 182) }
```

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

```
.border{ border-color:rgb(182, 93, 182) }
```

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

Here you see how a box with a 4 pixel rgb(182, 93, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 93, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 93, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 93,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.032, 326.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 93, 182) }
```

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

```
.background{ background-color: rgb(182, 93,  
182) }
```

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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