

Converting Colors

CIELCh(53, 60.258, 322.317)

Have a look what the booklet for
CIELCh(53, 60.258, 322.317)
contains.

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Color

CIELCh(53, 60.213, 322.275)

Conversions

Conversions Part 1

Format	Color
Hex	B05FBF
RGB	176, 95, 191
RGB Percent	69%, 37%, 75%
CMY	0.3114, 0.6289, 0.2525
CMYK	0.08, 0.50, 0.00, 0.25
HSL	291°, 43%, 56%
HSV	291°, 50%, 75%
XYZ	31.2346, 21.0462, 51.4803
YIQ	130.1630, 17.4600, 47.0280

Conversions

Conversions Part 2

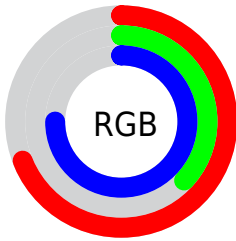
Format	Color
R_{YB}	176, 95, 191
Decimal	11558847
CIE _{Lab}	53.00, 47.63, -36.84
CIE _{LCh}	53, 60.213, 322.275
Yxy	21.0462, 0.3010, 0.2028
Android (android.graphics.Color)	4289748927 (0xFFB05FBF)
YUV	130.1630, 29.9926, 40.1990
Hunter-Lab	45.8761, 41.2478, -34.4195

Details

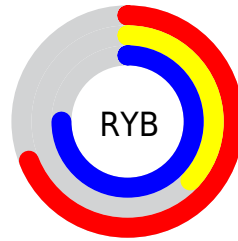
The CIELCh color $53, 60.213, 322.275$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $70, 59.444, 136.973$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 60.385, 322.120$, and $33, 60.158, 322.255$ is the 20% darker color. If you saturate the color by 10%, you get $49, 70.715, 322.566$, and if you desaturate by 10%, it is $57, 48.756, 321.901$.

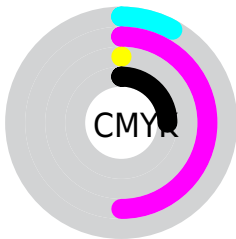
Distribution



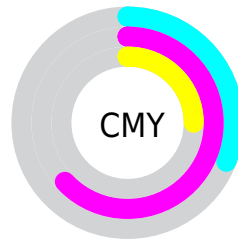
- Red (69%)
- Green (37%)
- Blue (75%)



- Red (69%)
- Yellow (37%)
- Blue (75%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (25%)





- Cyan (31%)
- Magenta (63%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 60.213, 322.275 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, 60.213, 322.275 by changing the saturation by 10% instead.


 53, 60.213,
322.275


 53, 60.213,
322.275


 100, 60.213,
322.275


 43, 60.213,
322.275


 73, 60.213,
322.275


 33, 60.213,
322.275

 83, 60.213,
322.275

 23, 60.213,
322.275

 93, 60.213,
322.275

 13, 60.213,
322.275

 3, 60.213, 322.275

 0, 60.213, 322.275

53, 60.213,
322.275

53, 60.213,
322.275

49, 70.715,
322.566

57, 48.756,
321.901

46, 79.756,
322.737

62, 36.776,
321.476

43, 86.813,
322.752

67, 24.592,
321.022

41, 91.501,
322.579

72, 12.427,
320.554

40, 94.063,
322.253

77, 0.426, 319.619

82, 11.322,
139.698

88, 22.767,
139.272

93, 33.885,
138.877

■ 95, 38.057,
137.970

Harmonies

Complementary

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



53, 60.213, 322.275



70, 59.444, 136.973

Rectangle

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



53, 60.213, 322.275



53, 60.213, 12.275



53, 60.213, 142.275



53, 60.213, 192.275

Sweetspot

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



53, 60.211, 322.275



88, 22.331, 320.784



49, 46.944, 290.511



46, 15.381, 320.883



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



53, 60.211, 322.275



63, 86.734, 322.580



54, 49.533, 339.787



37, 6.743, 320.506



33, 81.884, 322.332



3, 19.923, 318.620

Inverse Universe

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



52, 41.115, 13.538



62, 60.995, 16.246



70, 48.907, 150.843



37, 4.176, 7.403



33, 66.483, 31.871



3, 12.428, 10.475

Previews

White Background



This preview shows how the CIELCh color 53, 60.213, 322.275 looks on a white background.

Color Contrast Check

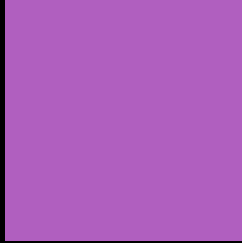
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.213, 322.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

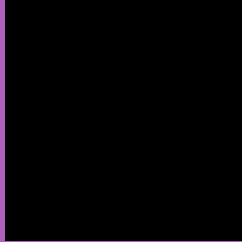
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 60.213, 322.275

Background



This preview shows how black text looks on a background with the CIELCh color 53, 60.213, 322.275.

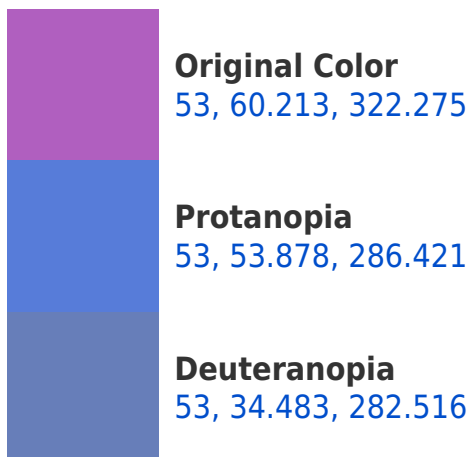


This preview shows how white text looks on a background with the CIELCh color 53, 60.213, 322.275.

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, 22.945, 10.826

Trichromacy



Original Color
53, 60.213, 322.275



Protanomaly
52, 54.533, 298.288



Deuteranomaly
52, 42.117, 301.180



Tritanomaly
53, 33.139, 340.018

Monochromacy



Original Color
53, 60.213, 322.275



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 23.242, 321.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 60.213, 322.275 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(176, 95, 191)` looks like.

```
.text, #text, p{  
    color:rgb(176, 95, 191)  
}
```

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(176, 95, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 95, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 60.213, 322.275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

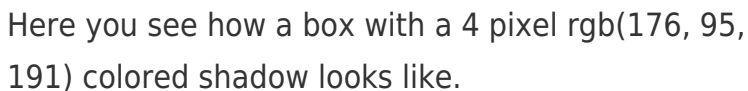
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 95, 191) }
```

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

```
.border{ border-color:rgb(176, 95, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 95, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 95, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 95, 191); box-shadow:4px 4px 4px 4px rgb(176, 95, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 60.213, 322.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 95, 191) }
```

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

```
.background{ background-color: rgb(176, 95,  
191) }
```

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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