

Converting Colors

CIELCh(53, 66.675, 327.246)

Have a look what the booklet for
CIELCh(53, 66.675, 327.246)
contains.

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Color

CIELCh(53, 66.831, 327.245)

Conversions

Conversions Part 1

Format	Color
Hex	BE55BE
RGB	190, 85, 190
RGB Percent	75%, 33%, 75%
CMY	0.2563, 0.6680, 0.2563
CMYK	0.00, 0.55, 0.00, 0.26
HSL	300°, 45%, 54%
HSV	300°, 55%, 74%
XYZ	33.6226, 21.0462, 50.8054
YIQ	128.3650, 28.8750, 54.9150

Conversions

Conversions Part 2

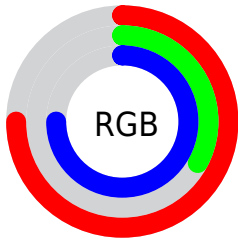
Format	Color
R_{YB}	190, 85, 190
Decimal	12473790
CIE _{Lab}	53.00, 56.20, -36.16
CIE _{LCh}	53, 66.831, 327.245
Yxy	21.0462, 0.3188, 0.1995
Android (android.graphics.Color)	4290663870 (0xFFBE55BE)
YUV	128.3650, 30.3861, 54.0539
Hunter-Lab	45.8761, 50.5396, -33.5472

Details

The CIELCh color **53, 66.831, 327.245** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **69, 67.351, 139.796**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 66.602, 327.027**, and **33, 66.661, 327.341** is the 20% darker color. If you saturate the color by 10%, you get **50, 76.165, 327.611**, and if you desaturate by 10%, it is **57, 56.029, 326.811**.

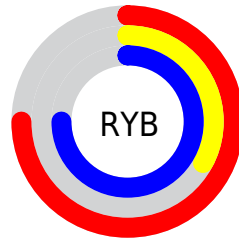
Distribution



Red (75%)

Green (33%)

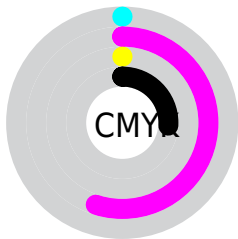
Blue (75%)



Red (75%)

Yellow (33%)

Blue (75%)

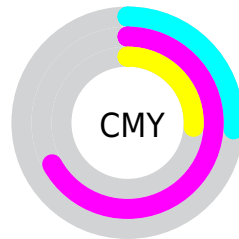


Cyan (0%)

Magenta (55%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (67%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 66.831, 327.245 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, 66.831, 327.245 by changing the saturation by 10% instead.


 53, 66.831,
327.245


 53, 66.831,
327.245


 100, 66.831,
327.245


 43, 66.831,
327.245


 73, 66.831,
327.245

 33, 66.831,
327.245

 83, 66.831,
327.245

 23, 66.831,
327.245

 93, 66.831,
327.245

 13, 66.831,
327.245

 3, 66.831, 327.245

 0, 66.831, 327.245

53, 66.831,
327.245

53, 66.831,
327.245

50, 76.165,
327.611

57, 56.029,
326.811

48, 83.580,
327.895

60, 44.241,
326.325

46, 88.747,
328.089

65, 31.884,
325.804

45, 91.611,
328.195

69, 19.288,
325.261

45, 92.503,
328.228

74, 6.696, 324.693

79, 5.729, 144.235

84, 17.883,
143.680

89, 29.706,
143.169

 94, 40.962,
142.693

Harmonies

Complementary

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



53, 66.831, 327.245



69, 67.351, 139.796

Rectangle

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



53, 66.831, 327.245



53, 66.831, 17.245



53, 66.831, 147.245



53, 66.831, 197.245

Sweetspot

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



53, 66.829, 327.245



87, 26.505, 325.366



42, 61.996, 297.944



46, 17.881, 325.477



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, 66.829, 327.245



64, 94.722, 327.666



51, 49.153, 348.759



37, 7.068, 324.926



37, 80.849, 328.228



3, 21.489, 325.456

Inverse Universe

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



49, 47.120, 26.230



59, 71.288, 29.391



70, 46.802, 156.814



37, 4.096, 19.909



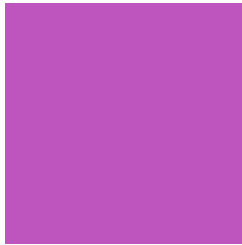
32, 72.799, 39.660



3, 12.251, 19.399

Previews

White Background



This preview shows how the CIELCh color 53, 66.831, 327.245 looks on a white background.

Color Contrast Check

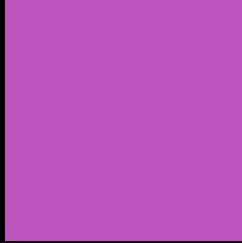
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.831, 327.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

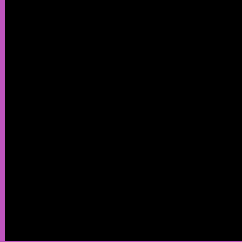
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 66.831, 327.245

Background



This preview shows how black text looks on a background with the CIELCh color 53, 66.831, 327.245.

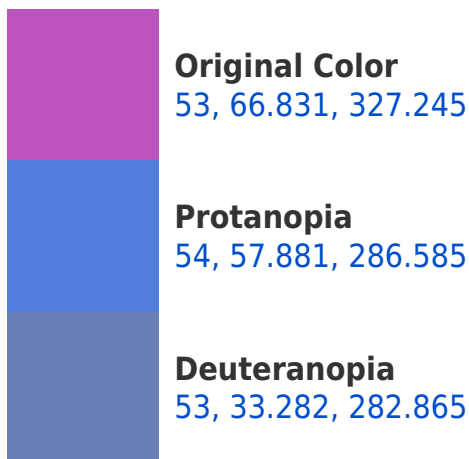


This preview shows how white text looks on a background with the CIELCh color 53, 66.831, 327.245.

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, 32.073, 15.522

Trichromacy



Original Color
53, 66.831, 327.245



Protanomaly
52, 59.239, 299.943



Deuteranomaly
52, 43.874, 305.860



Tritanomaly
53, 40.724, 348.482

Monochromacy



Original Color
53, 66.831, 327.245



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 26.310, 325.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 66.831, 327.245 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(190, 85, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 85, 190)  
}
```

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(190, 85, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 85, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 66.831, 327.245 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(190, 85, 190) }
```

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

```
.border{ border-color:rgb(190, 85, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 85, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 85, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 85, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 85,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 66.831, 327.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 85, 190) }
```

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

```
.background{ background-color: rgb(190, 85,  
190) }
```

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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