

Converting Colors

CIELCh(52, 72.995, 327.395)

Have a look what the booklet for
CIELCh(52, 72.995, 327.395)
contains.

CIELCh(52, 72.963, 327.464)	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(52, 72.963, 327.464)

Conversions

Conversions Part 1

Format	Color
Hex	C04BC0
RGB	192, 75, 192
RGB Percent	75%, 29%, 75%
CMY	0.2458, 0.7046, 0.2458
CMYK	0.00, 0.61, 0.00, 0.25
HSL	300°, 48%, 52%
HSV	300°, 61%, 75%
XYZ	33.9079, 20.1443, 52.1521
YIQ	123.3210, 32.1750, 61.1910

Conversions

Conversions Part 2

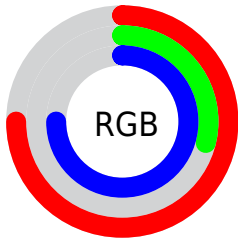
Format	Color
RYB	192, 75, 192
Decimal	12602304
CIELab	52.00, 61.51, -39.24
CIELCh	52, 72.963, 327.464
Yxy	20.1443, 0.3193, 0.1897
Android (android.graphics.Color)	4290792384 (0xFFC04BC0)
YUV	123.3210, 33.8587, 60.2315
Hunter-Lab	44.8824, 56.3092, -37.4756

Details

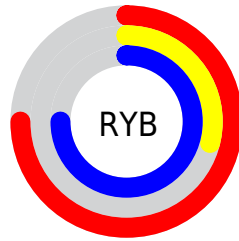
The CIELCh color **52, 72.963, 327.464** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **69, 73.770, 139.175**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 72.877, 327.447**, and **32, 72.940, 327.376** is the 20% darker color. If you saturate the color by 10%, you get **49, 81.378, 327.787**, and if you desaturate by 10%, it is **55, 62.796, 327.065**.

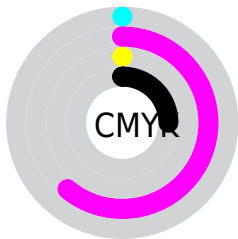
Distribution



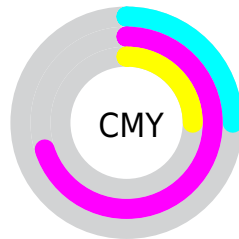
- Red (75%)
- Green (29%)
- Blue (75%)



- Red (75%)
- Yellow (29%)
- Blue (75%)



- Cyan (0%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (70%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 72.963, 327.464 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 52, 72.963, 327.464 by changing the saturation by 10% instead.

 52, 72.963,
327.464

 52, 72.963,
327.464

 100, 72.963,
327.464

 42, 72.963,
327.464

 72, 72.963,
327.464

 32, 72.963,
327.464

 82, 72.963,
327.464

 22, 72.963,
327.464

 92, 72.963,
327.464

 12, 72.963,
327.464

 2, 72.963, 327.464

 0, 72.963, 327.464

52, 72.963,
327.464

52, 72.963,
327.464

49, 81.378,
327.787

55, 62.796,
327.065

47, 87.642,
328.022

59, 51.369,
326.605

46, 91.556,
328.167

63, 39.141,
326.101

46, 93.464,
328.237


68, 26.498,
325.568

72, 13.735,
325.016

77, 1.059, 324.254

82, 11.394,
143.979

88, 23.541,
143.450

 93, 35.335,
142.951

Harmonies

Complementary

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



52, 72.963, 327.464



69, 73.770, 139.175

Rectangle

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



52, 72.963, 327.464



52, 72.963, 17.464



52, 72.963, 147.464



52, 72.963, 197.464

Sweetspot

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



52, 72.961, 327.464



87, 28.304, 325.429



39, 70.851, 299.717



45, 19.673, 325.589



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 72.961, 327.464



63, 101.930, 327.875



50, 53.411, 350.763



38, 7.225, 324.934



38, 81.798, 328.237



4, 24.211, 326.363

Inverse Universe

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



52, 72.961, 327.464



63, 101.930, 327.875



70, 50.588, 156.807



38, 7.225, 324.934



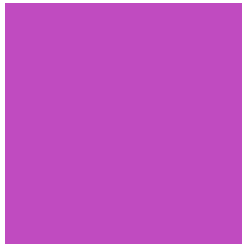
38, 81.798, 328.237



4, 24.211, 326.363

Previews

White Background



This preview shows how the CIELCh color 52, 72.963, 327.464 looks on a white background.

Color Contrast Check

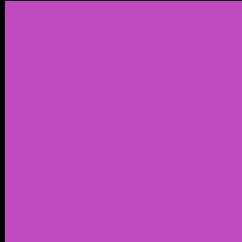
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 72.963, 327.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

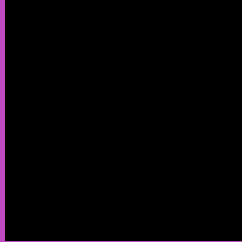
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 72.963, 327.464

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.963, 327.464.

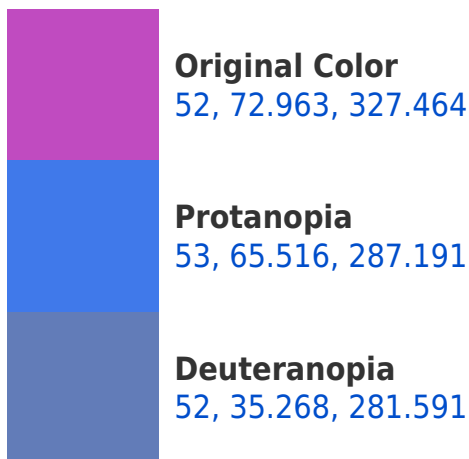


This preview shows how white text looks on a background with the CIELCh color 52, 72.963, 327.464.

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
52, 35.349, 17.774

Trichromacy



Original Color
52, 72.963, 327.464



Protanomaly
50, 66.951, 299.479



Deuteranomaly
50, 48.092, 305.605



Tritanomaly
52, 44.511, 349.445

Monochromacy



Original Color
52, 72.963, 327.464



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 29.784, 325.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.963, 327.464 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(192, 75, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 75, 192)  
}
```

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(192, 75, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 75, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.963, 327.464 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(192, 75, 192) }
```

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

```
.border{ border-color:rgb(192, 75, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 75, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 75, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 75, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 75,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.963, 327.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 75, 192) }
```

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

```
.background{ background-color: rgb(192, 75,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor