

Converting Colors

CIELCh(66, 32.583, 328.093)

Have a look what the booklet for
CIELCh(66, 32.583, 328.093)
contains.

CIELCh(66, 32.520, 328.087)	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(66, 32.520, 328.087)

Conversions

Conversions Part 1

Format	Color
Hex	C490C0
RGB	196, 144, 192
RGB Percent	77%, 56%, 75%
CMY	0.2328, 0.4366, 0.2484
CMYK	0.00, 0.27, 0.02, 0.23
HSL	305°, 30%, 67%
HSV	305°, 27%, 77%
XYZ	42.0711, 35.3238, 54.2671
YIQ	165.0200, 15.5840, 25.9520

Conversions

Conversions Part 2

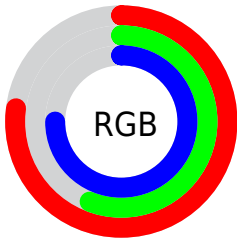
Format	Color
RYB	196, 144, 192
Decimal	12882112
CIELab	66.00, 27.60, -17.19
CIElCh	66, 32.520, 328.087
Yxy	35.3238, 0.3195, 0.2683
Android (android.graphics.Color)	4291072192 (0xFFC490C0)
YUV	165.0200, 13.3011, 27.1695
Hunter-Lab	59.4338, 22.3447, -12.5320

Details

The CIELCh color $66, 32.520, 328.087$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 32.488, 144.748$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 32.479, 328.257$, and $46, 32.318, 328.640$ is the 20% darker color. If you saturate the color by 10%, you get $62, 44.517, 328.656$, and if you desaturate by 10%, it is $71, 20.260, 327.509$.

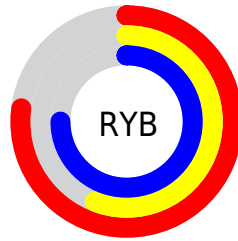
Distribution



Red (77%)

Green (56%)

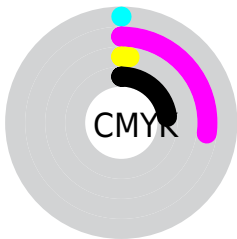
Blue (75%)



Red (77%)

Yellow (56%)

Blue (75%)

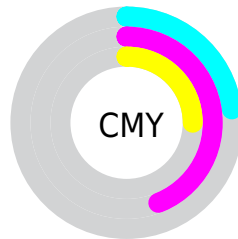


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 32.520, 328.087 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 66, 32.520, 328.087 by changing the saturation by 10% instead.

 66, 32.520,
328.087


 66, 32.520,
328.087


 100, 32.520,
328.087


 56, 32.520,
328.087


 86, 32.520,
328.087

 46, 32.520,
328.087

 96, 32.520,
328.087

 36, 32.520,
328.087

 26, 32.520,
328.087

 16, 32.520,
328.087

 6, 32.520, 328.087

 0, 32.520, 328.087

66, 32.520,
328.087

66, 32.520,
328.087

62, 44.517,
328.656

71, 20.260,
327.509

57, 55.916,
329.206

76, 7.990, 326.919

54, 66.284,
329.728

81, 4.127, 146.459

51, 75.124,
330.213

86, 15.986,
145.868

48, 81.963,
330.656

91, 27.529,
145.339

47, 86.469,
331.061

95, 35.104,
145.218


46, 88.631,
331.437

95, 34.483,
145.965

46, 89.113,

95, 33.867,
146.739

331.563

 95, 33.255,
147.539

Harmonies

Complementary

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



66, 32.520, 328.087



74, 32.488, 144.748

Rectangle

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



66, 32.520, 328.087



66, 32.520, 18.087



66, 32.520, 148.087



66, 32.520, 198.087

Sweetspot

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



66, 32.518, 328.087



95, 12.081, 327.014



62, 29.302, 295.581



50, 8.594, 327.105



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 32.518, 328.087



81, 48.455, 328.427



65, 23.491, 349.985



38, 6.856, 327.087



37, 77.067, 331.511



4, 22.545, 329.048

Inverse Universe

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



66, 32.518, 328.087



81, 48.455, 328.427



75, 22.458, 164.915



38, 6.856, 327.087



37, 77.067, 331.511



4, 22.545, 329.048

Previews

White Background



This preview shows how the CIELCh color 66, 32.520, 328.087 looks on a white background.

Color Contrast Check

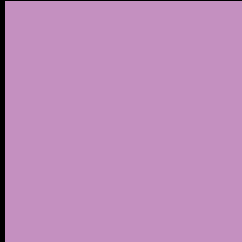
Large Text (above 18pt) WCAG AA × Fail

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 66, 32.520, 328.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

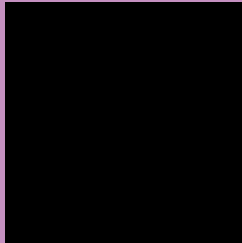
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 32.520, 328.087

Background



This preview shows how black text looks on a background with the CIELCh color 66, 32.520, 328.087.

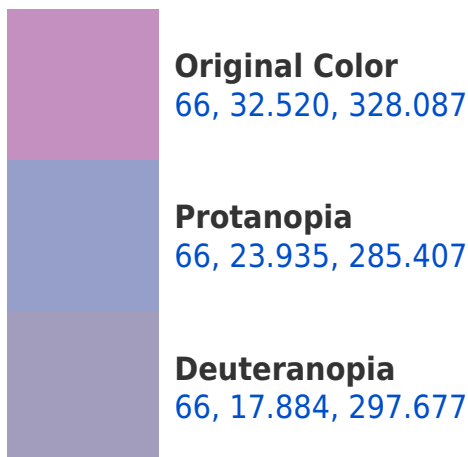


This preview shows how white text looks on a background with the CIELCh color 66, 32.520, 328.087.

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
66, 18.003, 359.736

Trichromacy



Original Color
66, 32.520, 328.087

Protanomaly
66, 25.568, 303.656

Deuteranomaly
66, 22.627, 312.641

Tritanomaly
66, 22.244, 343.395

Monochromacy



Original Color
66, 32.520, 328.087

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 12.284, 326.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 32.520, 328.087 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(196, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 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(196, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 32.520, 328.087 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(196, 144, 192) }
```

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

```
.border{ border-color:rgb(196, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 144, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 144, 192); box-shadow:4px 4px 4px 4px rgb(196, 144, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 32.520, 328.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 192) }
```

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

```
.background{ background-color: rgb(196,  
144, 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](#).

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