

Converting Colors

CIELCh(64, 28.582, 320.516)

Have a look what the booklet for
CIELCh(64, 28.582, 320.516)
contains.

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Color

CIELCh(64, 28.488, 320.538)

Conversions

Conversions Part 1

Format	Color
Hex	B48FBC
RGB	180, 143, 188
RGB Percent	71%, 56%, 74%
CMY	0.2957, 0.4407, 0.2643
CMYK	0.04, 0.24, 0.00, 0.26
HSL	289°, 25%, 65%
HSV	289°, 24%, 74%
XYZ	37.5313, 32.8017, 51.7075
YIQ	159.1930, 7.6070, 21.8390

Conversions

Conversions Part 2

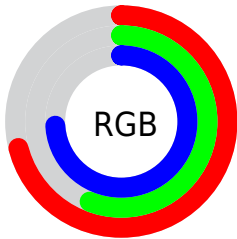
Format	Color
R_{YB}	180, 143, 188
Decimal	11833276
CIE _{Lab}	64.00, 21.99, -18.11
CIE _{LCh}	64, 28.488, 320.538
Yxy	32.8017, 0.3075, 0.2688
Android (android.graphics.Color)	4290023356 (0xFFB48FBC)
YUV	159.1930, 14.2019, 18.2477
Hunter-Lab	57.2727, 16.7451, -13.4378

Details

The CIELCh color $64, 28.488, 320.538$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 28.211, 138.235$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 28.329, 320.568$, and $44, 28.923, 320.599$ is the 20% darker color. If you saturate the color by 10%, you get $59, 40.433, 320.978$, and if you desaturate by 10%, it is $69, 16.508, 320.082$.

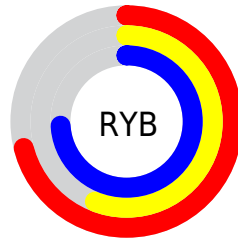
Distribution



Red (71%)

Green (56%)

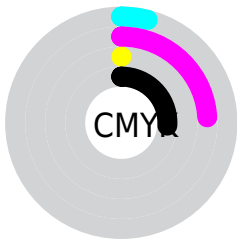
Blue (74%)



Red (71%)

Yellow (56%)

Blue (74%)

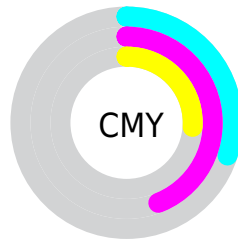


Cyan (4%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (30%)

Magenta (44%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 28.488, 320.538 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 64, 28.488, 320.538 by changing the saturation by 10% instead.

 64, 28.488,
320.538

 64, 28.488,
320.538

 100, 28.488,
320.538

 54, 28.488,
320.538


 84, 28.488,
320.538

 44, 28.488,
320.538

 94, 28.488,
320.538

 34, 28.488,
320.538

 24, 28.488,
320.538

 14, 28.488,
320.538

 4, 28.488, 320.538

 0, 28.488, 320.538

64, 28.488,
320.538

64, 28.488,
320.538

59, 40.433,
320.978

69, 16.508,
320.082

55, 52.105,
321.382

74, 4.659, 319.602

79, 6.960, 139.241

50, 63.158,
321.724

84, 18.293,
138.808

47, 73.139,
321.968

90, 29.312,
138.415

44, 81.524,
322.074

95, 39.894,
138.040

41, 87.809,
322.002

95, 39.281,
136.634

40, 91.683,
321.721

95, 38.690,
135.169

39, 93.218,

321.483

 95, 38.123,
133.644

Harmonies

Complementary

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



64, 28.488, 320.538



72, 28.211, 138.235

Rectangle

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



64, 28.488, 320.538



64, 28.488, 10.538



64, 28.488, 140.538



64, 28.488, 190.538

Sweetspot

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



64, 28.486, 320.538



92, 10.207, 319.762



63, 20.678, 284.543



48, 6.633, 319.790



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 28.486, 320.538



78, 42.835, 320.783



64, 24.025, 336.681



37, 6.701, 319.868



32, 82.109, 321.565



3, 19.748, 317.690

Inverse Universe

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



64, 18.395, 7.416



78, 27.983, 8.160



72, 23.776, 153.111



37, 4.203, 5.740



33, 65.551, 30.376



3, 12.476, 9.274

Previews

White Background



This preview shows how the CIELCh color 64, 28.488, 320.538 looks on a white background.

Color Contrast Check

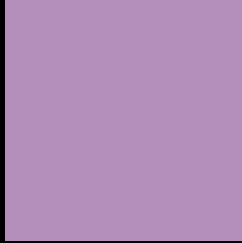
Large Text (above 18pt) WCAG AA × Fail

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 64, 28.488, 320.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

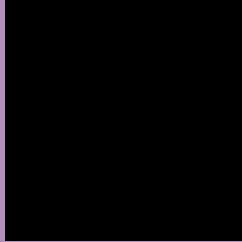
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 28.488, 320.538

Background



This preview shows how black text looks on a background with the CIELCh color 64, 28.488, 320.538.



This preview shows how white text looks on a background with the CIELCh color 64, 28.488, 320.538.

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



Original Color
64, 28.488, 320.538

Protanopia
64, 22.973, 285.003

Deuteranopia
64, 19.037, 295.356



Tritanopia
64, 12.121, 350.352

Trichromacy



Original Color
64, 28.488, 320.538

Protanomaly
64, 23.688, 299.356

Deuteranomaly
64, 21.974, 306.399

Tritanomaly
64, 17.399, 333.781

Monochromacy



Original Color
64, 28.488, 320.538

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.206, 319.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 28.488, 320.538 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(180, 143, 188)` looks like.

```
.text, #text, p{  
    color:rgb(180, 143, 188)  
}
```

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(180, 143, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 143, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 28.488, 320.538 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(180, 143, 188) }
```

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

```
.border{ border-color:rgb(180, 143, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 143, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 143, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 143, 188);  
box-shadow:4px 4px 4px 4px rgb(180, 143,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 28.488, 320.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 143, 188) }
```

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

```
.background{ background-color: rgb(180,  
143, 188) }
```

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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