

Converting Colors

CIELCh(44, 84.970, 329.348)

Have a look what the booklet for
CIELCh(44, 84.970, 329.348)
contains.

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Color

CIELCh(44, 84.787, 329.507)

Conversions

Conversions Part 1

Format	Color
Hex	B717B1
RGB	183, 23, 177
RGB Percent	72%, 9%, 69%
CMY	0.2826, 0.9103, 0.3061
CMYK	0.00, 0.87, 0.03, 0.28
HSL	302°, 78%, 40%
HSV	302°, 87%, 72%
XYZ	27.7453, 13.8382, 42.7695
YIQ	88.3960, 45.9260, 81.8140

Conversions

Conversions Part 2

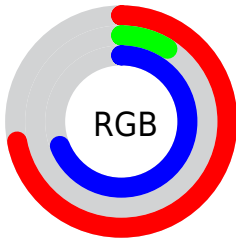
Format	Color
R_{YB}	183, 23, 177
Decimal	11999153
CIE _{Lab}	44.00, 73.06, -43.02
CIE _{LCh}	44, 84.787, 329.507
Yxy	13.8382, 0.3289, 0.1641
Android (android.graphics.Color)	4290189233 (0xFFB717B1)
YUV	88.3960, 43.6818, 82.9677
Hunter-Lab	37.1997, 68.0342, -42.1274

Details

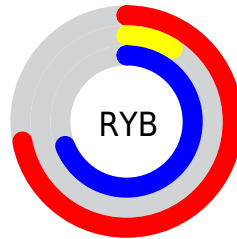
The CIELCh color **44, 84.787, 329.507** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **65, 88.643, 137.114**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 84.607, 329.668**, and **29, 67.740, 328.542** is the 20% darker color. If you saturate the color by 10%, you get **43, 87.016, 329.727**, and if you desaturate by 10%, it is **45, 80.423, 329.229**.

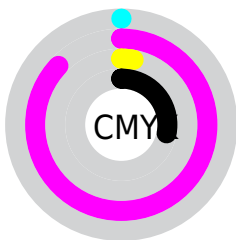
Distribution



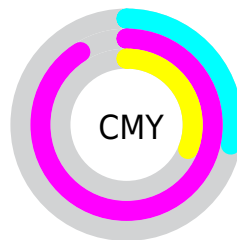
- Red (72%)
- Green (9%)
- Blue (69%)



- Red (72%)
- Yellow (9%)
- Blue (69%)



- Cyan (0%)
- Magenta (87%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (91%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 84.787, 329.507 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 44, 84.787, 329.507 by changing the saturation by 10% instead.


 44, 84.787,
329.507

 44, 84.787,
329.507


 100, 84.787,
329.507

 34, 84.787,
329.507

 64, 84.787,
329.507

 24, 84.787,
329.507

 74, 84.787,
329.507

 14, 84.787,
329.507

 84, 84.787,
329.507

 4, 84.787, 329.507

 94, 84.787,
329.507

 0, 84.787, 329.507

 44, 84.787,

 44, 84.787,

329.507

329.507

■ 43, 87.016,
329.727

■ 45, 80.423,
329.229

■ 43, 87.449,
329.778

■ 48, 73.849,
328.884

■ 50, 65.350,
328.475

■ 54, 55.361,
328.010

■ 58, 44.345,
327.502

■ 62, 32.718,
326.965

■ 66, 20.812,
326.411

■ 71, 8.873, 325.841

Harmonies

Complementary

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



44, 84.787, 329.507



65, 88.643, 137.114

Rectangle

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



44, 84.787, 329.507



44, 84.787, 19.507



44, 84.787, 149.507



44, 84.787, 199.507

Sweetspot

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



44, 84.785, 329.507



79, 38.217, 326.907



25, 96.860, 305.193



40, 26.089, 327.095



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 84.785, 329.507



56, 106.176, 329.805



40, 63.565, 0.113



36, 6.736, 325.949



36, 77.608, 329.758



3, 18.122, 326.181

Inverse Universe

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



44, 84.785, 329.507



56, 106.176, 329.805



66, 61.808, 153.640



36, 6.736, 325.949



36, 77.608, 329.758



3, 18.122, 326.181

Previews

White Background



This preview shows how the CIELCh color 44, 84.787, 329.507 looks on a white background.

Color Contrast Check

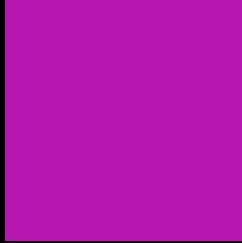
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 84.787, 329.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

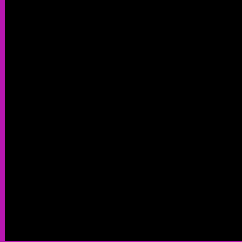
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 84.787, 329.507

Background



This preview shows how black text looks on a background with the CIELCh color 44, 84.787, 329.507.



This preview shows how white text looks on a background with the CIELCh color 44, 84.787, 329.507.

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

44, 84.787, 329.507

Protanopia

45, 67.491, 286.952

Deuteranopia

45, 37.680, 280.514



Tritanopia
44, 45.247, 23.996

Trichromacy



Original Color
44, 84.787, 329.507

Protanomaly
38, 77.361, 299.595

Deuteranomaly
40, 58.844, 308.507

Tritanomaly
43, 54.608, 353.518

Monochromacy



Original Color
44, 84.787, 329.507

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 40.152, 328.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 84.787, 329.507 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(183, 23, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 23, 177)  
}
```

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(183, 23, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 23, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 84.787, 329.507 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(183, 23, 177) }
```

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

```
.border{ border-color:rgb(183, 23, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 23, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 23, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 23, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 23,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 84.787, 329.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 23, 177) }
```

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

```
.background{ background-color: rgb(183, 23,  
177) }
```

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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