

Converting Colors

CIELCh(44, 17.266, 324.242)

Have a look what the booklet for
CIELCh(44, 17.266, 324.242)
contains.

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Color

CIELCh(44, 17.063, 324.301)

Conversions

Conversions Part 1

Format	Color
Hex	786179
RGB	120, 97, 121
RGB Percent	47%, 38%, 47%
CMY	0.5306, 0.6208, 0.5267
CMYK	0.01, 0.20, 0.00, 0.53
HSL	297°, 11%, 43%
HSV	297°, 20%, 47%
XYZ	15.3823, 13.8382, 19.8503
YIQ	106.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

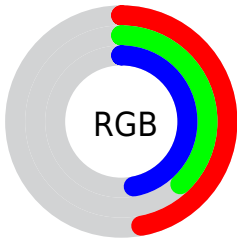
Format	Color
R_{YB}	120, 97, 121
Decimal	7889273
CIE _{Lab}	44.00, 13.86, -9.96
CIE _{LCh}	44, 17.063, 324.301
Yxy	13.8382, 0.3135, 0.2820
Android (android.graphics.Color)	4286079353 (0xFF786179)
YUV	106.6130, 7.0928, 11.7404
Hunter-Lab	37.1997, 8.7110, -5.5981

Details

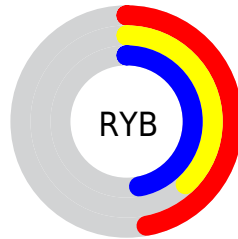
The CIELCh color $44, 17.063, 324.301$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 17.024, 142.192$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.631, 324.100$, and $24, 17.109, 324.620$ is the 20% darker color. If you saturate the color by 10%, you get $41, 25.654, 324.792$, and if you desaturate by 10%, it is $47, 8.439, 323.794$.

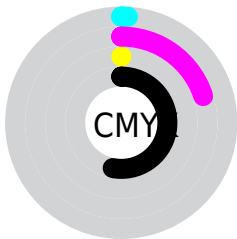
Distribution



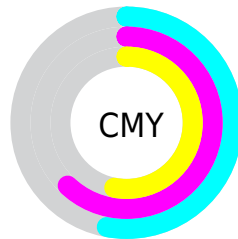
- Red (47%)
- Green (38%)
- Blue (47%)



- Red (47%)
- Yellow (38%)
- Blue (47%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)




- Cyan (53%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 17.063, 324.301 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, 17.063, 324.301 by changing the saturation by 10% instead.


 44, 17.063,
324.301


 44, 17.063,
324.301


 100, 17.063,
324.301


 34, 17.063,
324.301

 64, 17.063,
324.301


 24, 17.063,
324.301

 74, 17.063,
324.301

 14, 17.063,
324.301


 84, 17.063,
324.301

 4, 17.063, 324.301

 94, 17.063,
324.301

 0, 17.063, 324.301

 44, 17.063,

 44, 17.063,

324.301

41, 25.654,
324.792

38, 34.052,
325.258

35, 42.037,
325.684

33, 49.330,
326.052

31, 55.622,
326.342

29, 60.613,
326.539

28, 64.089,
326.629

27, 66.558,
326.652

324.301

47, 8.439, 323.794

51, 0.100, 145.033

54, 8.482, 142.856

58, 16.662,
142.378

61, 24.615,
141.927

65, 32.333,
141.502

69, 39.814,
141.102

72, 47.063,
140.728

76, 54.090,

■ 27, 66.589,
326.652

140.380

Harmonies

Complementary

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



44, 17.063, 324.301



48, 17.024, 142.192

Rectangle

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



44, 17.063, 324.301



44, 17.063, 14.301



44, 17.063, 144.301



44, 17.063, 194.301

Sweetspot

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



44, 17.061, 324.301



63, 6.381, 323.597



42, 13.775, 290.301



32, 4.211, 323.623



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 17.061, 324.301



55, 25.717, 324.536



44, 12.655, 342.609



24, 4.867, 323.753



28, 68.268, 326.647



58, 114.936, 326.562

Inverse Universe

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



43, 10.334, 17.450



54, 15.819, 17.935



49, 12.422, 159.469



24, 2.853, 16.485



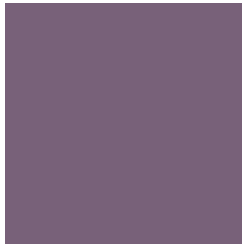
25, 58.885, 36.516



53, 102.185, 38.859

Previews

White Background



This preview shows how the CIELCh color 44, 17.063, 324.301 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 CIELCh color 44, 17.063, 324.301 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, 17.063, 324.301

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.063, 324.301.



This preview shows how white text looks on a background with the CIELCh color 44, 17.063, 324.301.

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, 17.063, 324.301

Protanopia

44, 13.211, 287.153

Deuteranopia

44, 11.004, 301.877



Tritanopia
44, 9.240, 349.525

Trichromacy



Original Color
44, 17.063, 324.301

Protanomaly
44, 13.449, 301.897

Deuteranomaly
44, 12.951, 313.156

Tritanomaly
44, 12.015, 336.862

Monochromacy



Original Color
44, 17.063, 324.301

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.816, 324.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.063, 324.301 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(120, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(120, 97, 121)  
}
```

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(120, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 97, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.063, 324.301 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(120, 97, 121) }
```

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

```
.border{ border-color:rgb(120, 97, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 97, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 97, 121);  
box-shadow:4px 4px 4px 4px rgb(120, 97,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.063, 324.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 97, 121) }
```

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

```
.background{ background-color: rgb(120, 97,  
121) }
```

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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