

Converting Colors

CIELCh(44, 27.806, 325.340)

Have a look what the booklet for
CIELCh(44, 27.806, 325.340)
contains.

CIELCh(44, 28.160, 325.318)	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(44, 28.160, 325.318)

Conversions

Conversions Part 1

Format	Color
Hex	825B83
RGB	130, 91, 131
RGB Percent	51%, 36%, 51%
CMY	0.4906, 0.6435, 0.4867
CMYK	0.01, 0.31, 0.00, 0.49
HSL	298°, 18%, 43%
HSV	298°, 31%, 51%
XYZ	17.0116, 13.8382, 23.2096
YIQ	107.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

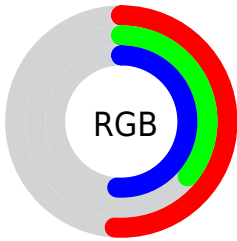
Format	Color
R_{YB}	130, 91, 131
Decimal	8543107
CIE _{Lab}	44.00, 23.16, -16.02
CIE _{LCh}	44, 28.160, 325.318
Yxy	13.8382, 0.3147, 0.2560
Android (android.graphics.Color)	4286733187 (0xFF825B83)
YUV	107.2210, 11.7230, 19.9772
Hunter-Lab	37.1997, 16.5295, -10.9523

Details

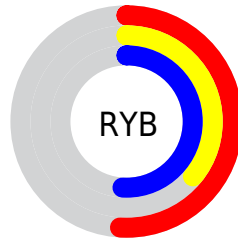
The CIELCh color $44, 28.160, 325.318$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 28.123, 141.805$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 28.008, 325.668$, and $24, 28.058, 325.851$ is the 20% darker color. If you saturate the color by 10%, you get $41, 37.121, 325.795$, and if you desaturate by 10%, it is $47, 18.953, 324.815$.

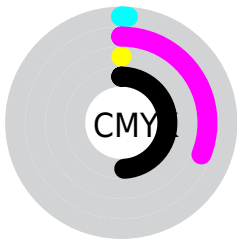
Distribution



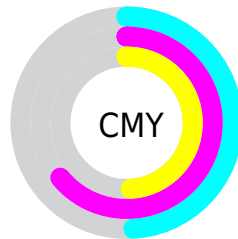
- Red (51%)
- Green (36%)
- Blue (51%)



- Red (51%)
- Yellow (36%)
- Blue (51%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 28.160, 325.318 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, 28.160, 325.318 by changing the saturation by 10% instead.

 44, 28.160,
325.318

 44, 28.160,
325.318


 100, 28.160,
325.318

 34, 28.160,
325.318

 64, 28.160,
325.318

 24, 28.160,
325.318

 74, 28.160,
325.318

 14, 28.160,
325.318

 84, 28.160,
325.318

 4, 28.160, 325.318

 94, 28.160,
325.318

 0, 28.160, 325.318

 44, 28.160,

 44, 28.160,

325.318

41, 37.121,
325.795

38, 45.591,
326.231

35, 53.261,
326.608

33, 59.793,
326.908

32, 64.876,
327.119

31, 68.310,
327.229

30, 70.530,
327.274

325.318

47, 18.953,
324.815

51, 9.693, 324.295

55, 0.510, 323.443

58, 8.510, 143.326

62, 17.314,
142.831

66, 25.873,
142.364

70, 34.174,
141.922

73, 42.217,
141.507

77, 50.007,

Harmonies

Complementary

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



44, 28.160, 325.318



51, 28.123, 141.805

Rectangle

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



44, 28.160, 325.318



44, 28.160, 15.318



44, 28.160, 145.318



44, 28.160, 195.318

Sweetspot

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



44, 28.158, 325.318



66, 10.269, 324.224



40, 23.536, 292.500



34, 7.197, 324.292



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 28.158, 325.318



54, 42.213, 325.670



43, 20.682, 344.519



26, 5.231, 324.220



30, 70.201, 327.275



0, 1.246, 323.773

Inverse Universe

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



43, 17.647, 19.931



52, 27.213, 20.902



51, 20.061, 159.234



26, 3.050, 17.851



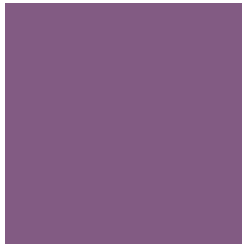
26, 61.360, 37.520



0, 0.708, 17.323

Previews

White Background



This preview shows how the CIELCh color 44, 28.160, 325.318 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, 28.160, 325.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

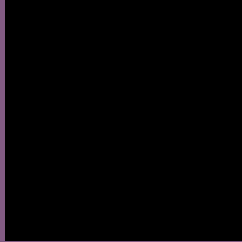
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 28.160, 325.318

Background



This preview shows how black text looks on a background with the CIELCh color 44, 28.160, 325.318.



This preview shows how white text looks on a background with the CIELCh color 44, 28.160, 325.318.

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, 28.160, 325.318

Protanopia

44, 22.274, 285.222

Deuteranopia

44, 16.196, 292.452



Tritanopia
44, 13.520, 0.700

Trichromacy



Original Color
44, 28.160, 325.318

Protanomaly
44, 23.063, 300.530

Deuteranomaly
44, 20.015, 308.078

Tritanomaly
44, 17.966, 340.333

Monochromacy



Original Color
44, 28.160, 325.318

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 10.635, 323.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 28.160, 325.318 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(130, 91, 131)` looks like.

```
.text, #text, p{  
    color:rgb(130, 91, 131)  
}
```

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(130, 91, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 91, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 28.160, 325.318 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(130, 91, 131) }
```

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

```
.border{ border-color:rgb(130, 91, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 91, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 91, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 91, 131);  
box-shadow:4px 4px 4px 4px rgb(130, 91,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 28.160, 325.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 91, 131) }
```

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

```
.background{ background-color: rgb(130, 91,  
131) }
```

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