

Converting Colors

CIELCh(44, 20.808, 340.699)

Have a look what the booklet for
CIELCh(44, 20.808, 340.699)
contains.

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Color

CIELCh(44, 20.576, 340.643)

Conversions

Conversions Part 1

Format	Color
Hex	835D74
RGB	131, 93, 116
RGB Percent	51%, 36%, 45%
CMY	0.4874, 0.6363, 0.5462
CMYK	0.00, 0.29, 0.11, 0.49
HSL	324°, 17%, 44%
HSV	324°, 29%, 51%
XYZ	16.3426, 13.8382, 18.2483
YIQ	106.9840, 15.2650, 15.2090

Conversions

Conversions Part 2

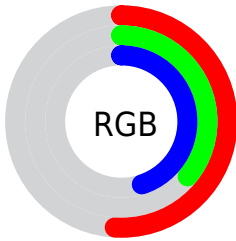
Format	Color
R_{YB}	131, 93, 116
Decimal	8609140
CIE Lab	44.00, 19.41, -6.82
CIE LCh	44, 20.576, 340.643
Yxy	13.8382, 0.3375, 0.2857
Android (android.graphics.Color)	4286799220 (0xFF835D74)
YUV	106.9840, 4.4449, 21.0620
Hunter-Lab	37.1997, 13.3189, -3.0448

Details

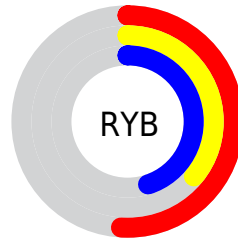
The CIELCh color $44, 20.576, 340.643$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 20.179, 155.999$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 20.523, 341.083$, and $24, 20.865, 340.579$ is the 20% darker color. If you saturate the color by 10%, you get $41, 27.597, 341.577$, and if you desaturate by 10%, it is $48, 13.441, 339.793$.

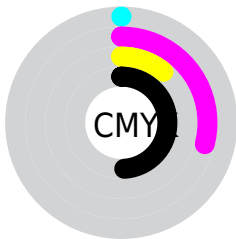
Distribution



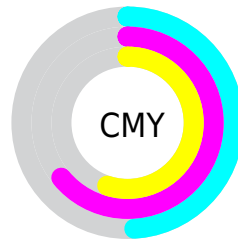
- Red (51%)
- Green (36%)
- Blue (45%)



- Red (51%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 20.576, 340.643 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, 20.576, 340.643 by changing the saturation by 10% instead.


 44, 20.576,
340.643

 44, 20.576,
340.643


 100, 20.576,
340.643

 34, 20.576,
340.643

 64, 20.576,
340.643


 24, 20.576,
340.643

 74, 20.576,
340.643

 14, 20.576,
340.643

 84, 20.576,
340.643

 4, 20.576, 340.643

 94, 20.576,
340.643

 0, 20.576, 340.643

 44, 20.576,

 44, 20.576,

340.643

41, 27.597,
341.577

37, 34.307,
342.617

35, 40.434,
343.803

32, 45.656,
345.189

30, 49.642,
346.850

29, 52.143,
348.886

28, 53.499,
351.266

28, 53.631,
351.489

340.643

48, 13.441,
339.793

51, 6.338, 338.995

55, 0.647, 158.738

59, 7.462, 157.690

63, 14.078,
157.051

67, 20.488,
156.464

70, 26.691,
155.916

74, 32.695,
155.404

78, 38.510,

154.923

Harmonies

Complementary

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



44, 20.576, 340.643



51, 20.179, 155.999

Rectangle

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



44, 20.576, 340.643



44, 20.576, 30.643



44, 20.576, 160.643



44, 20.576, 210.643

Sweetspot

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



44, 20.574, 340.644



66, 7.840, 339.008



42, 23.702, 306.505



34, 5.497, 339.108



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, 20.574, 340.644



54, 30.825, 341.264



43, 16.640, 12.671



26, 3.994, 339.002



28, 53.439, 351.473



0, 0.948, 338.381

Inverse Universe

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



44, 20.574, 340.644



54, 30.825, 341.264



52, 14.370, 187.556



26, 3.994, 339.002



28, 53.439, 351.473



0, 0.948, 338.381

Previews

White Background



This preview shows how the CIELCh color 44, 20.576, 340.643 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, 20.576, 340.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

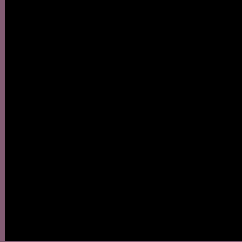
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 20.576, 340.643

Background



This preview shows how black text looks on a background with the CIELCh color 44, 20.576, 340.643.



This preview shows how white text looks on a background with the CIELCh color 44, 20.576, 340.643.

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, 20.576, 340.643

Protanopia

44, 11.999, 288.250

Deuteranopia

44, 8.635, 315.928



Tritanopia
44, 15.047, 5.502

Trichromacy



Original Color
44, 20.576, 340.643

Protanomaly
44, 13.669, 313.818

Deuteranomaly
44, 13.033, 329.799

Tritanomaly
44, 16.896, 354.633

Monochromacy



Original Color
44, 20.576, 340.643

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 7.498, 340.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 20.576, 340.643 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(131, 93, 116)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 116)  
}
```

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(131, 93, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 20.576, 340.643 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(131, 93, 116) }
```

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

```
.border{ border-color:rgb(131, 93, 116) }
```

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

Here you see how a box with a 4 pixel rgb(131, 93, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 93, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 93, 116);  
box-shadow:4px 4px 4px 4px rgb(131, 93,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 20.576, 340.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 116) }
```

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

```
.background{ background-color: rgb(131, 93,  
116) }
```

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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