

Converting Colors

CIELCh(44, 20.620, 349.273)

Have a look what the booklet for
CIELCh(44, 20.620, 349.273)
contains.

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Color

CIELCh(44, 20.620, 349.273)

Conversions

Conversions Part 1

Format	Color
Hex	865C6F
RGB	134, 92, 111
RGB Percent	53%, 36%, 44%
CMY	0.4750, 0.6396, 0.5652
CMYK	0.00, 0.31, 0.17, 0.47
HSL	333°, 19%, 44%
HSV	333°, 31%, 53%
XYZ	16.4923, 13.8382, 16.8075
YIQ	106.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

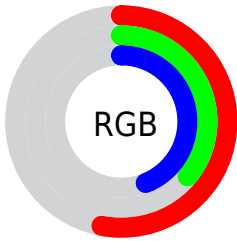
Format	Color
R_{YB}	134, 92, 111
Decimal	8805487
CIE _{Lab}	44.00, 20.26, -3.84
CIE _{LCh}	44, 20.620, 349.273
Yxy	13.8382, 0.3499, 0.2936
Android (android.graphics.Color)	4286995567 (0xFF865C6F)
YUV	106.7240, 2.1081, 23.9211
Hunter-Lab	37.1997, 14.0376, -0.7484

Details

The CIELCh color $44, 20.620, 349.273$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 19.670, 163.408$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 20.573, 349.005$, and $24, 20.542, 349.451$ is the 20% darker color. If you saturate the color by 10%, you get $41, 27.230, 350.516$, and if you desaturate by 10%, it is $48, 13.940, 348.192$.

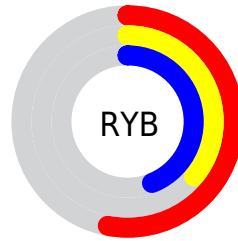
Distribution



Red (53%)

Green (36%)

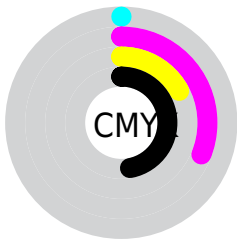
Blue (44%)



Red (53%)

Yellow (36%)

Blue (44%)

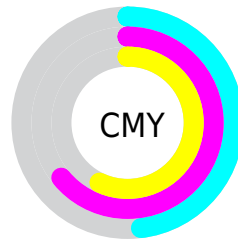


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (47%)



Cyan (48%)


Magenta (64%)

Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 20.620, 349.273 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, 20.620, 349.273 by changing the saturation by 10% instead.


 44, 20.620,
349.273


 44, 20.620,
349.273


 100, 20.620,
349.273


 34, 20.620,
349.273

 64, 20.620,
349.273


 24, 20.620,
349.273

 74, 20.620,
349.273

 14, 20.620,
349.273

 84, 20.620,
349.273

 4, 20.620, 349.273

 94, 20.620,
349.273

 0, 20.620, 349.273

 44, 20.620,

 44, 20.620,

349.273

349.273

41, 27.230,
350.516

48, 13.940,
348.192

37, 33.577,
351.971

51, 7.330, 347.220

34, 39.394,
353.717

55, 0.870, 346.049

59, 5.393, 165.696

32, 44.367,
355.861

63, 11.440,
164.960

30, 48.199,
358.543

67, 17.267,
164.303

29, 50.717, 1.918

71, 22.878,
163.701

28, 52.332, 5.193

75, 28.286,
163.144

79, 33.504,

Harmonies

Complementary

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



44, 20.620, 349.273



52, 19.670, 163.408

Rectangle

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



44, 20.620, 349.273



44, 20.620, 39.273



44, 20.620, 169.273



44, 20.620, 219.273

Sweetspot

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



44, 20.618, 349.275



67, 7.152, 347.018



43, 26.744, 311.642



34, 4.957, 347.136



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, 20.618, 349.275



53, 30.913, 350.185



44, 18.018, 24.422



26, 3.599, 347.010



27, 51.249, 5.050



0, 0.852, 346.295

Inverse Universe

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



44, 20.618, 349.275



53, 30.913, 350.185



53, 14.591, 201.181



26, 3.599, 347.010



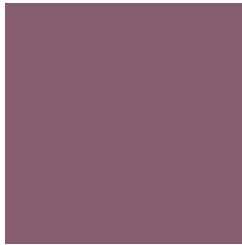
27, 51.249, 5.050



0, 0.852, 346.295

Previews

White Background



This preview shows how the CIELCh color 44, 20.620, 349.273 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, 20.620, 349.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

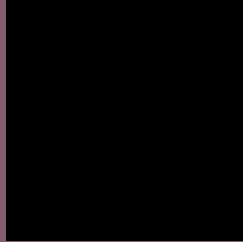
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 20.620, 349.273

Background



This preview shows how black text looks on a background with the CIELCh color 44, 20.620, 349.273.



This preview shows how white text looks on a background with the CIELCh color 44, 20.620, 349.273.

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, 20.620, 349.273

Protanopia

44, 8.405, 286.068

Deuteranopia

44, 6.607, 333.792



Tritanopia

44, 17.180, 7.897

Trichromacy



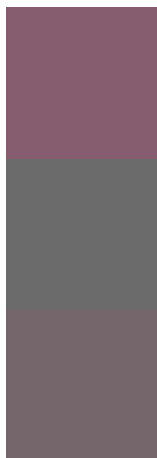
Original Color
44, 20.620, 349.273

Protanomaly
44, 10.652, 323.252

Deuteranomaly
44, 11.570, 342.709

Tritanomaly
44, 18.263, 359.138

Monochromacy



Original Color
44, 20.620, 349.273

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 7.183, 350.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 20.620, 349.273 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(134, 92, 111)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 111)  
}
```

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(134, 92, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 20.620, 349.273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

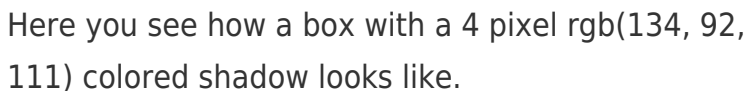
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 92, 111) }
```

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

```
.border{ border-color:rgb(134, 92, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 92, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 92, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 92, 111); box-shadow:4px 4px 4px 4px rgb(134, 92, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 20.620, 349.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 111) }
```

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

```
.background{ background-color: rgb(134, 92,  
111) }
```

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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