

Converting Colors

CIELCh(44, 10.264, 352.625)

Have a look what the booklet for
CIELCh(44, 10.264, 352.625)
contains.

CIELCh(44, 10.359, 353.386)	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, 10.359, 353.386)

Conversions

Conversions Part 1

Format	Color
Hex	78626A
RGB	120, 98, 106
RGB Percent	47%, 38%, 42%
CMY	0.5284, 0.6147, 0.5833
CMYK	0.00, 0.18, 0.12, 0.53
HSL	338°, 10%, 43%
HSV	338°, 18%, 47%
XYZ	14.7861, 13.8382, 15.5948
YIQ	105.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

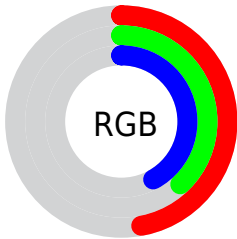
Format	Color
R_{YB}	120, 98, 106
Decimal	7889514
CIE Lab	44.00, 10.29, -1.19
CIE LCh	44, 10.359, 353.386
Yxy	13.8382, 0.3344, 0.3129
Android (android.graphics.Color)	4286079594 (0xFF78626A)
YUV	105.4900, 0.2514, 12.7253
Hunter-Lab	37.1997, 5.8503, 1.1843

Details

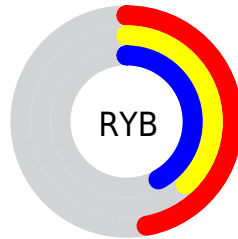
The CIELCh color **44, 10.359, 353.386** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 9.955, 170.104**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 9.986, 353.955**, and **24, 10.619, 351.910** is the 20% darker color. If you saturate the color by 10%, you get **41, 16.224, 354.520**, and if you desaturate by 10%, it is **48, 4.624, 352.374**.

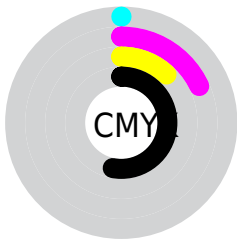
Distribution



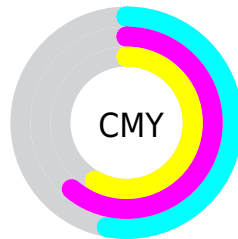
- Red (47%)
- Green (38%)
- Blue (42%)



- Red (47%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 10.359, 353.386 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, 10.359, 353.386 by changing the saturation by 10% instead.


 44, 10.359,
353.386


 44, 10.359,
353.386


 100, 10.359,
353.386


 34, 10.359,
353.386

 64, 10.359,
353.386

 24, 10.359,
353.386

 74, 10.359,
353.386

 14, 10.359,
353.386


 84, 10.359,
353.386

 4, 10.359, 353.386

 94, 10.359,
353.386

 0, 10.359, 353.386

 44, 10.359,

 44, 10.359,

353.386

353.386

41, 16.224,
354.520

48, 4.624, 352.374

37, 22.134,
355.827

51, 0.925, 171.913

55, 6.266, 170.845

34, 27.947,
357.373

58, 11.393,
170.117

31, 33.463,
359.244

62, 16.310,
169.466

29, 38.433, 1.553

66, 21.030,
168.872

27, 42.602, 4.444

70, 25.564,
168.326

26, 45.789, 8.072

24, 48.306, 12.271

73, 29.928,
167.820

24, 48.770, 12.955

77, 34.137,

Harmonies

Complementary

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



44, 10.359, 353.386



49, 9.955, 170.104

Rectangle

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



44, 10.359, 353.386



44, 10.359, 43.386



44, 10.359, 173.386



44, 10.359, 223.386

Sweetspot

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



44, 10.357, 353.390



62, 3.421, 352.044



44, 14.378, 314.320



32, 2.354, 352.106



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, 10.357, 353.390



55, 15.462, 353.850



45, 8.394, 32.304



24, 3.187, 352.452



25, 50.157, 13.188



54, 85.220, 16.356

Inverse Universe

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



44, 10.357, 353.390



55, 15.462, 353.850



48, 7.465, 212.133



24, 3.187, 352.452



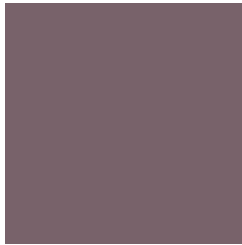
25, 50.157, 13.188



54, 85.220, 16.356

Previews

White Background



This preview shows how the CIELCh color 44, 10.359, 353.386 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, 10.359, 353.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

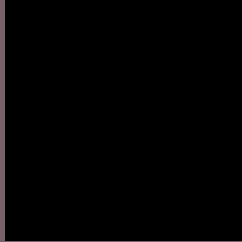
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 10.359, 353.386

Background



This preview shows how black text looks on a background with the CIELCh color 44, 10.359, 353.386.



This preview shows how white text looks on a background with the CIELCh color 44, 10.359, 353.386.

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, 10.359, 353.386

Protanopia

44, 2.998, 290.619

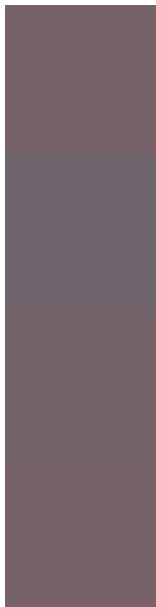
Deuteranopia

44, 5.822, 349.258



Tritanopia
44, 10.359, 353.386

Trichromacy



Original Color
44, 10.359, 353.386

Protanomaly
44, 4.891, 332.741

Deuteranomaly
44, 7.574, 352.176

Tritanomaly
44, 10.359, 353.386

Monochromacy



Original Color
44, 10.359, 353.386

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 3.777, 351.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 10.359, 353.386 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, 98, 106)` looks like.

```
.text, #text, p{  
    color:rgb(120, 98, 106)  
}
```

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, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 98, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 10.359, 353.386 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, 98, 106) }
```

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

```
.border{ border-color:rgb(120, 98, 106) }
```

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

Here you see how a box with a 4 pixel rgb(120, 98, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(120, 98,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 10.359, 353.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 98, 106) }
```

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

```
.background{ background-color: rgb(120, 98,  
106) }
```

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