

Converting Colors

CIELCh(44, 11.489, 346.569)

Have a look what the booklet for
CIELCh(44, 11.489, 346.569)
contains.

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Color

CIELCh(44, 11.570, 346.436)

Conversions

Conversions Part 1

Format	Color
Hex	79626D
RGB	121, 98, 109
RGB Percent	47%, 38%, 43%
CMY	0.5264, 0.6166, 0.5735
CMYK	0.00, 0.19, 0.10, 0.53
HSL	331°, 11%, 43%
HSV	331°, 19%, 47%
XYZ	14.9445, 13.8382, 16.2845
YIQ	106.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

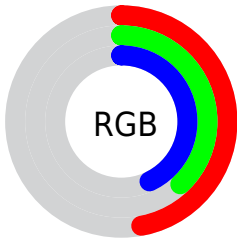
Format	Color
R_{YB}	121, 98, 109
Decimal	7955053
CIE _{Lab}	44.00, 11.25, -2.71
CIE _{LCh}	44, 11.570, 346.436
Yxy	13.8382, 0.3316, 0.3071
Android (android.graphics.Color)	4286145133 (0xFF79626D)
YUV	106.1310, 1.4144, 13.0401
Hunter-Lab	37.1997, 6.6106, 0.0851

Details

The CIELCh color $44, 11.570, 346.436$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 11.280, 163.251$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 11.441, 348.265$, and $24, 11.968, 344.687$ is the 20% darker color. If you saturate the color by 10%, you get $41, 17.780, 347.445$, and if you desaturate by 10%, it is $48, 5.430, 345.520$.

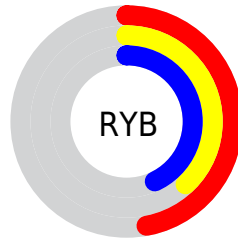
Distribution



Red (47%)

Green (38%)

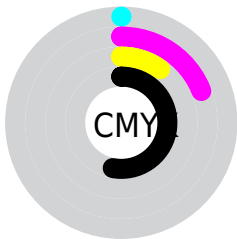
Blue (43%)



Red (47%)

Yellow (38%)

Blue (43%)

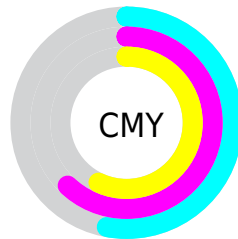


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 11.570, 346.436 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, 11.570, 346.436 by changing the saturation by 10% instead.


 44, 11.570,
346.436


 44, 11.570,
346.436


 100, 11.570,
346.436


 34, 11.570,
346.436

 64, 11.570,
346.436


 24, 11.570,
346.436

 74, 11.570,
346.436

 14, 11.570,
346.436


 84, 11.570,
346.436

 4, 11.570, 346.436

 94, 11.570,
346.436

 0, 11.570, 346.436

 44, 11.570,

 44, 11.570,

346.436

41, 17.780,
347.445

37, 23.954,
348.582

34, 29.924,
349.897

32, 35.462,
351.452

29, 40.288,
353.335

27, 44.118,
355.664

26, 46.738,
358.582

25, 48.542, 1.962

346.436

48, 5.430, 345.520

51, 0.566, 165.271

55, 6.384, 164.077

58, 12.007,
163.381

62, 17.432,
162.751

66, 22.664,
162.170

69, 27.714,
161.631

73, 32.592,
161.129

77, 37.313,



25, 48.731, 2.279

160.661

Harmonies

Complementary

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



44, 11.570, 346.436



49, 11.280, 163.251

Rectangle

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



44, 11.570, 346.436



44, 11.570, 36.436



44, 11.570, 166.436



44, 11.570, 216.436

Sweetspot

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



44, 11.568, 346.439



62, 4.480, 345.254



43, 14.658, 310.475



32, 2.957, 345.300



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, 11.568, 346.439



55, 17.496, 346.882



44, 9.735, 21.969



24, 3.423, 345.524



26, 49.927, 2.447



54, 83.819, 5.048

Inverse Universe

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



44, 11.568, 346.439



55, 17.496, 346.882



49, 8.638, 200.008



24, 3.423, 345.524



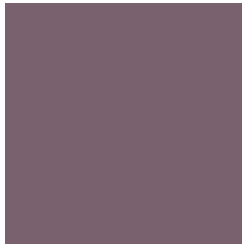
26, 49.927, 2.447



54, 83.819, 5.048

Previews

White Background



This preview shows how the CIELCh color 44, 11.570, 346.436 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, 11.570, 346.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

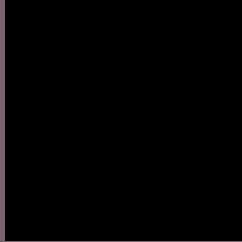
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.570, 346.436

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.570, 346.436.



This preview shows how white text looks on a background with the CIELCh color 44, 11.570, 346.436.

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, 11.570, 346.436

Protanopia

44, 5.421, 295.176

Deuteranopia

44, 6.193, 337.617



Tritanopia
44, 10.359, 353.386

Trichromacy



Original Color
44, 11.570, 346.436

Protanomaly
44, 7.057, 322.106

Deuteranomaly
44, 7.847, 342.881

Tritanomaly
44, 10.623, 350.487

Monochromacy



Original Color
44, 11.570, 346.436

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 4.092, 344.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.570, 346.436 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(121, 98, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 98, 109)  
}
```

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(121, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 98, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.570, 346.436 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(121, 98, 109) }
```

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

```
.border{ border-color:rgb(121, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 98, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 98, 109);  
box-shadow:4px 4px 4px 4px rgb(121, 98,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.570, 346.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 98, 109) }
```

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

```
.background{ background-color: rgb(121, 98,  
109) }
```

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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