

Converting Colors

CIELCh(44, 12.400, 262.472)

Have a look what the booklet for
CIELCh(44, 12.400, 262.472)
contains.

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Color

CIELCh(44, 12.256, 261.116)

Conversions

Conversions Part 1

Format	Color
Hex	596A7C
RGB	89, 106, 124
RGB Percent	35%, 42%, 49%
CMY	0.6516, 0.5850, 0.5144
CMYK	0.28, 0.15, 0.00, 0.51
HSL	211°, 16%, 42%
HSV	211°, 28%, 49%
XYZ	12.8661, 13.8382, 21.0020
YIQ	102.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

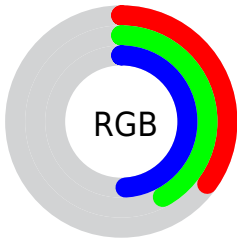
Format	Color
R_{YB}	89, 100, 124
Decimal	5859964
CIE _{Lab}	44.00, -1.89, -12.11
CIE _{LCh}	44, 12.256, 261.116
Yxy	13.8382, 0.2697, 0.2901
Android (android.graphics.Color)	4284050044 (0xFF596A7C)
YUV	102.9690, 10.3683, -12.2508
Hunter-Lab	37.1997, -3.3625, -7.4338

Details

The CIELCh color **44, 12.256, 261.116** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 13.109, 73.533**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 12.495, 262.721**, and **24, 12.122, 260.487** is the 20% darker color. If you saturate the color by 10%, you get **41, 16.502, 263.100**, and if you desaturate by 10%, it is **47, 7.955, 259.434**.

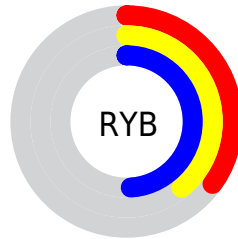
Distribution



Red (35%)

Green (42%)

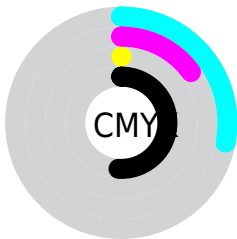
Blue (49%)



Red (35%)

Yellow (39%)

Blue (49%)

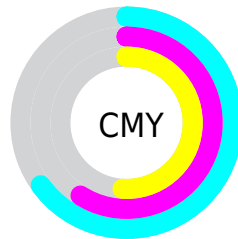


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (59%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 12.256, 261.116 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, 12.256, 261.116 by changing the saturation by 10% instead.


 44, 12.256,
261.116


 44, 12.256,
261.116


 100, 12.256,
261.116


 34, 12.256,
261.116

 64, 12.256,
261.116


 24, 12.256,
261.116

 74, 12.256,
261.116

 14, 12.256,
261.116


 84, 12.256,
261.116

 4, 12.256, 261.116

 94, 12.256,
261.116

 0, 12.256, 261.116

 44, 12.256,

 44, 12.256,

261.116

261.116

■ 41, 16.502,
263.100

■ 47, 7.955, 259.434

■ 39, 20.686,
265.445

■ 50, 3.613, 258.036

■ 52, 0.757, 76.408

■ 36, 24.809,
268.195

■ 55, 5.139, 75.638

■ 33, 28.887,
271.385

■ 58, 9.523, 74.750

■ 61, 13.896, 73.966

■ 31, 32.953,
275.015

■ 64, 18.250, 73.276

■ 28, 37.059,
279.028

■ 67, 22.578, 72.666

■ 69, 26.874, 72.123

■ 26, 41.284,
283.118

■ 26, 42.043,
283.769

Harmonies

Complementary

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



44, 12.256, 261.116



46, 13.109, 73.533

Rectangle

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



44, 12.256, 261.116



44, 12.256, 311.116



44, 12.256, 81.116



44, 12.256, 131.116

Sweetspot

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



44, 12.255, 261.113



63, 4.330, 258.027



49, 17.300, 161.184



33, 3.100, 258.193



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 12.255, 261.113



54, 18.182, 262.377



39, 21.456, 293.425



24, 2.439, 258.136



26, 42.357, 283.814



53, 75.188, 286.349

Inverse Universe

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



42, 17.737, 346.933



51, 26.466, 347.648



51, 20.112, 107.562



24, 3.440, 345.103



26, 49.984, 1.754



54, 83.862, 4.307

Previews

White Background



This preview shows how the CIELCh color 44, 12.256, 261.116 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, 12.256, 261.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

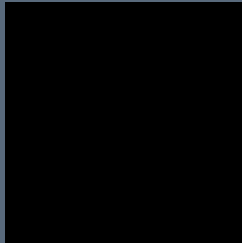
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

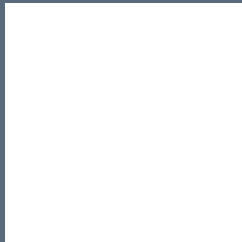
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 12.256, 261.116

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.256, 261.116.

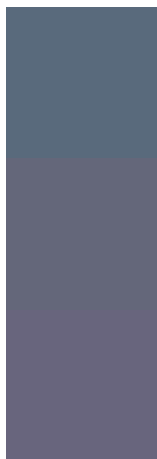


This preview shows how white text looks on a background with the CIELCh color 44, 12.256, 261.116.

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

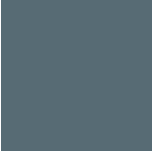
44, 12.256, 261.116

Protanopia

44, 11.426, 286.070

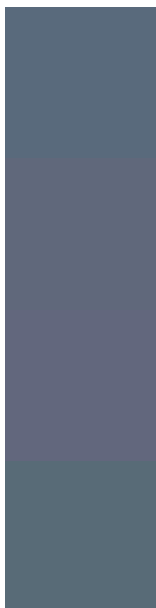
Deuteranopia

44, 14.486, 296.706



Tritanopia
44, 9.124, 235.141

Trichromacy



Original Color
44, 12.256, 261.116

Protanomaly
44, 11.694, 276.930

Deuteranomaly
44, 13.278, 283.964

Tritanomaly
44, 9.923, 245.498

Monochromacy



Original Color
44, 12.256, 261.116

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.778, 261.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.256, 261.116 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(89, 106, 124)` looks like.

```
.text, #text, p{  
    color:rgb(89, 106, 124)  
}
```

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(89, 106, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 106, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.256, 261.116 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(89, 106, 124) }
```

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

```
.border{ border-color:rgb(89, 106, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 106, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 106, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 106, 124);  
box-shadow:4px 4px 4px 4px rgb(89, 106,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.256, 261.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 106, 124) }
```

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

```
.background{ background-color: rgb(89, 106,  
124) }
```

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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