

Converting Colors

CIELCh(44, 14.119, 264.267)

Have a look what the booklet for
CIELCh(44, 14.119, 264.267)
contains.

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Color

CIELCh(44, 13.933, 264.142)

Conversions

Conversions Part 1

Format	Color
Hex	586A7F
RGB	88, 106, 127
RGB Percent	35%, 42%, 50%
CMY	0.6560, 0.5854, 0.5031
CMYK	0.31, 0.17, 0.00, 0.50
HSL	212°, 18%, 42%
HSV	212°, 31%, 50%
XYZ	12.9370, 13.8382, 21.9714
YIQ	103.0120, -17.4690, 2.7150

Conversions

Conversions Part 2

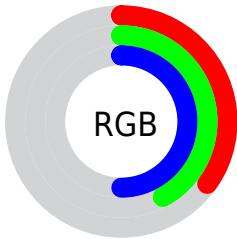
Format	Color
R_{YB}	88, 100, 127
Decimal	5794431
CIE _{Lab}	44.00, -1.42, -13.86
CIE _{LCh}	44, 13.933, 264.142
Yxy	13.8382, 0.2654, 0.2839
Android (android.graphics.Color)	4283984511 (0xFF586A7F)
YUV	103.0120, 11.8261, -13.1655
Hunter-Lab	37.1997, -3.0223, -8.9789

Details

The CIELCh color $44, 13.933, 264.142$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 14.826, 75.658$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 14.094, 265.099$, and $24, 13.906, 264.505$ is the 20% darker color. If you saturate the color by 10%, you get $41, 18.403, 266.221$, and if you desaturate by 10%, it is $47, 9.428, 262.373$.

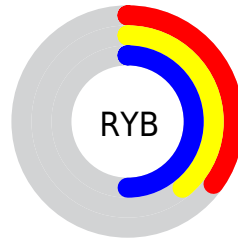
Distribution



Red (35%)

Green (42%)

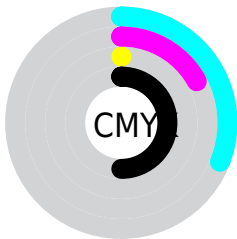
Blue (50%)



Red (35%)

Yellow (39%)

Blue (50%)

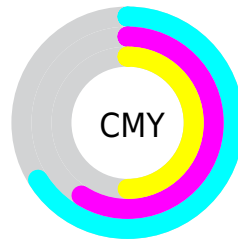


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (66%)


Magenta (59%)

Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.933, 264.142 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, 13.933, 264.142 by changing the saturation by 10% instead.


 44, 13.933,
264.142


 44, 13.933,
264.142


 100, 13.933,
264.142


 34, 13.933,
264.142

 64, 13.933,
264.142


 24, 13.933,
264.142

 74, 13.933,
264.142

 14, 13.933,
264.142


 84, 13.933,
264.142

 4, 13.933, 264.142

 94, 13.933,
264.142

 0, 13.933, 264.142

 44, 13.933,

 44, 13.933,

264.142

■ 41, 18.403,
266.221

■ 38, 22.836,
268.666

■ 35, 27.239,
271.517

■ 33, 31.637,
274.796

■ 30, 36.066,
278.483

■ 28, 40.578,
282.499

■ 26, 44.886,
286.109

264.142

■ 47, 9.428, 262.373

■ 50, 4.898, 260.885

■ 53, 0.355, 260.223

■ 56, 4.190, 78.373

■ 59, 8.726, 77.441

■ 62, 13.243, 76.612

■ 65, 17.732, 75.882

■ 68, 22.188, 75.235

■ 71, 26.604, 74.659

Harmonies

Complementary

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



44, 13.933, 264.142



47, 14.826, 75.658

Rectangle

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



44, 13.933, 264.142



44, 13.933, 314.142



44, 13.933, 84.142



44, 13.933, 134.142

Sweetspot

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



44, 13.932, 264.139



65, 5.101, 260.679



50, 18.667, 162.699



33, 3.571, 260.845



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 13.932, 264.139



54, 20.822, 265.587



39, 23.943, 294.891



25, 2.578, 260.665



26, 45.114, 286.138



0, 0.000, 0.000

Inverse Universe

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



42, 19.431, 348.630



52, 29.156, 349.469



52, 22.290, 108.791



25, 3.504, 346.470



26, 50.558, 4.084



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 44, 13.933, 264.142 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, 13.933, 264.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

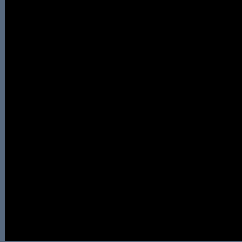
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

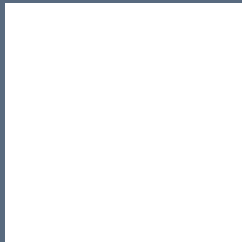
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 13.933, 264.142

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.933, 264.142.

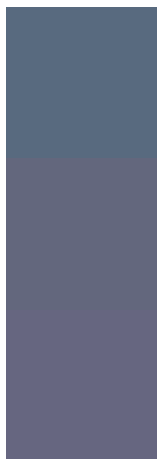


This preview shows how white text looks on a background with the CIELCh color 44, 13.933, 264.142.

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, 13.933, 264.142

Protanopia

44, 13.240, 285.550

Deuteranopia

44, 15.599, 292.371



Tritanopia
44, 9.722, 228.255

Trichromacy



Original Color
44, 13.933, 264.142

Protanomaly
44, 13.499, 277.789

Deuteranomaly
44, 15.092, 283.888

Tritanomaly
44, 10.795, 245.236

Monochromacy



Original Color
44, 13.933, 264.142

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.477, 260.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.933, 264.142 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(88, 106, 127)` looks like.

```
.text, #text, p{  
    color:rgb(88, 106, 127)  
}
```

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(88, 106, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 106, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.933, 264.142 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(88, 106, 127) }
```

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

```
.border{ border-color:rgb(88, 106, 127) }
```

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

Here you see how a box with a 4 pixel rgb(88, 106, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 106, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 106, 127);  
box-shadow:4px 4px 4px 4px rgb(88, 106,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.933, 264.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 106, 127) }
```

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

```
.background{ background-color: rgb(88, 106,  
127) }
```

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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