

Converting Colors

CIELCh(44, 19.189, 275.931)

Have a look what the booklet for
CIELCh(44, 19.189, 275.931)
contains.

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Color

CIELCh(44, 19.189, 275.931)

Conversions

Conversions Part 1

Format	Color
Hex	586887
RGB	88, 104, 135
RGB Percent	35%, 41%, 53%
CMY	0.6533, 0.5906, 0.4689
CMYK	0.35, 0.23, 0.00, 0.47
HSL	220°, 21%, 44%
HSV	220°, 35%, 53%
XYZ	13.4576, 13.8382, 25.0407
YIQ	102.7500, -19.4870, 6.2490

Conversions

Conversions Part 2

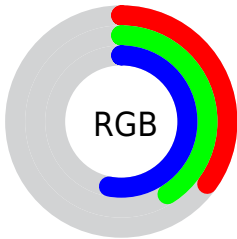
Format	Color
R_{YB}	88, 100, 135
Decimal	5793927
CIE Lab	44.00, 1.98, -19.09
CIE LCh	44, 19.189, 275.931
Yxy	13.8382, 0.2571, 0.2644
Android (android.graphics.Color)	4283984007 (0xFF586887)
YUV	102.7500, 15.8993, -12.9357
Hunter-Lab	37.1997, -0.5241, -13.8707

Details

The CIELCh color **44, 19.189, 275.931** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **51, 19.381, 86.219**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 19.029, 275.515**, and **24, 19.175, 276.368** is the 20% darker color. If you saturate the color by 10%, you get **40, 24.905, 278.066**, and if you desaturate by 10%, it is **48, 13.562, 274.096**.

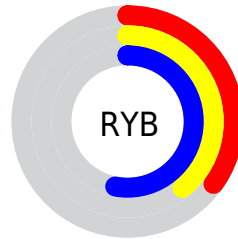
Distribution



Red (35%)

Green (41%)

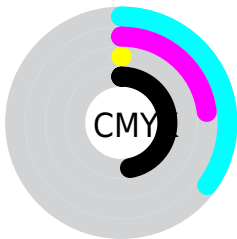
Blue (53%)



Red (35%)

Yellow (39%)

Blue (53%)

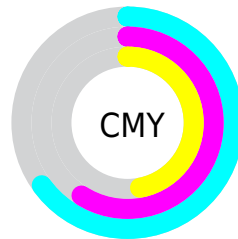


Cyan (35%)

Magenta (23%)

Yellow (0%)

Black (47%)



Cyan (65%)


Magenta (59%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 19.189, 275.931 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, 19.189, 275.931 by changing the saturation by 10% instead.


 44, 19.189,
275.931


 44, 19.189,
275.931


 100, 19.189,
275.931


 34, 19.189,
275.931

 64, 19.189,
275.931


 24, 19.189,
275.931

 74, 19.189,
275.931

 14, 19.189,
275.931


 84, 19.189,
275.931

 4, 19.189, 275.931

 94, 19.189,
275.931

 0, 19.189, 275.931

 44, 19.189,

 44, 19.189,

275.931

275.931

■ 40, 24.905,
278.066

■ 48, 13.562,
274.096

■ 37, 30.727,
280.539

■ 51, 8.019, 272.527

■ 34, 36.678,
283.369

■ 55, 2.556, 271.217

■ 58, 2.828, 89.904

■ 30, 42.782,
286.540

■ 62, 8.132, 88.925

■ 27, 49.049,
289.980

■ 66, 13.353, 88.039

■ 69, 18.490, 87.256

■ 24, 55.435,
293.530

■ 73, 23.543, 86.561

■ 23, 58.838,
295.240

■ 76, 28.511, 85.940

Harmonies

Complementary

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



44, 19.189, 275.931



51, 19.381, 86.219

Rectangle

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



44, 19.189, 275.931



44, 19.189, 325.931



44, 19.189, 95.931



44, 19.189, 145.931

Sweetspot

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



44, 19.188, 275.930



67, 6.729, 271.901



53, 20.215, 169.222



35, 4.630, 272.067



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 19.188, 275.930



53, 28.927, 277.660



40, 28.864, 299.223



27, 3.106, 271.762



22, 57.823, 295.162



0, 1.434, 270.575

Inverse Universe

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



43, 21.853, 356.976



52, 32.896, 358.205



55, 26.662, 113.555



27, 3.473, 354.001



27, 52.727, 15.712



0, 1.586, 353.231

Previews

White Background



This preview shows how the CIELCh color 44, 19.189, 275.931 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, 19.189, 275.931 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

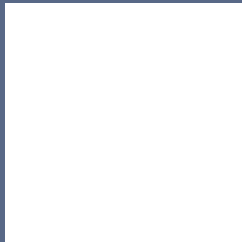
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 19.189, 275.931

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.189, 275.931.

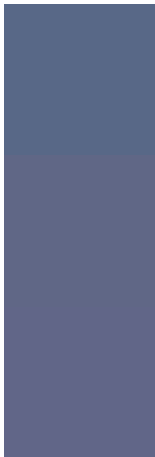


This preview shows how white text looks on a background with the CIELCh color 44, 19.189, 275.931.

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, 19.189, 275.931

Protanopia

44, 18.669, 285.079

Deuteranopia

44, 20.417, 288.045



Tritanopia
44, 10.024, 227.247

Trichromacy



Original Color
44, 19.189, 275.931

Protanomaly
44, 18.833, 280.868

Deuteranomaly
44, 19.927, 283.792

Tritanomaly
44, 12.041, 251.941

Monochromacy



Original Color
44, 19.189, 275.931

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 6.945, 271.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.189, 275.931 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, 104, 135)` looks like.

```
.text, #text, p{  
    color:rgb(88, 104, 135)  
}
```

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, 104, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 104, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.189, 275.931 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, 104, 135) }
```

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

```
.border{ border-color:rgb(88, 104, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 104, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 104, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 104, 135);  
box-shadow:4px 4px 4px 4px rgb(88, 104,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.189, 275.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 104, 135) }
```

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

```
.background{ background-color: rgb(88, 104,  
135) }
```

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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