

Converting Colors

CIELCh(44, 8.735, 268.763)

Have a look what the booklet for
CIELCh(44, 8.735, 268.763) contains.

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Color

CIELCh(44, 8.429, 267.145)

Conversions

Conversions Part 1

Format	Color
Hex	606976
RGB	96, 105, 118
RGB Percent	38%, 41%, 46%
CMY	0.6244, 0.5891, 0.5381
CMYK	0.19, 0.11, 0.00, 0.54
HSL	215°, 10%, 42%
HSV	215°, 19%, 46%
XYZ	13.0888, 13.8382, 19.0535
YIQ	103.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

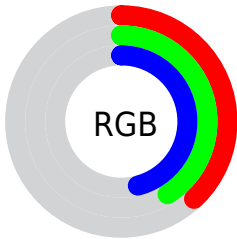
Format	Color
R_{YB}	96, 102, 118
Decimal	6318454
CIE Lab	44.00, -0.42, -8.42
CIE LCh	44, 8.429, 267.145
Yxy	13.8382, 0.2847, 0.3010
Android (android.graphics.Color)	4284508534 (0xFF606976)
YUV	103.7910, 7.0050, -6.8327
Hunter-Lab	37.1997, -2.2937, -4.3281

Details

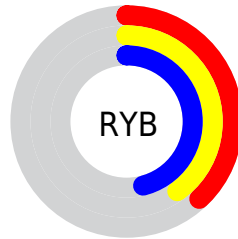
The CIELCh color $44, 8.429, 267.145$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 8.609, 82.269$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 8.392, 268.068$, and $24, 8.631, 266.870$ is the 20% darker color. If you saturate the color by 10%, you get $41, 12.968, 268.822$, and if you desaturate by 10%, it is $47, 3.907, 265.716$.

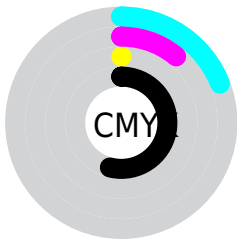
Distribution



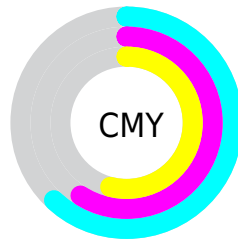
- Red (38%)
- Green (41%)
- Blue (46%)



- Red (38%)
- Yellow (40%)
- Blue (46%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (54%)



- Cyan (62%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 8.429, 267.145 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, 8.429, 267.145 by changing the saturation by 10% instead.

■ 44, 8.429, 267.145

■ 44, 8.429, 267.145

■ 100, 8.429,
267.145

■ 34, 8.429, 267.145

■ 64, 8.429, 267.145

■ 24, 8.429, 267.145

■ 74, 8.429, 267.145

■ 14, 8.429, 267.145

■ 84, 8.429, 267.145

■ 4, 8.429, 267.145

■ 94, 8.429, 267.145

■ 0, 8.429, 267.145

■ 44, 8.429, 267.145

■ 44, 8.429, 267.145

■ 41, 12.968,
268.822

■ 47, 3.907, 265.716

■ 38, 17.524,

■ 50, 0.589, 84.071

270.791

53, 5.055, 83.290

35, 22.098,
273.089

56, 9.483, 82.364

32, 26.699,
275.753

59, 13.869, 81.542

30, 31.349,
278.802

62, 18.209, 80.813

27, 36.078,
282.220

65, 22.497, 80.165

24, 40.917,
285.934

68, 26.733, 79.585

22, 45.901,
289.606

22, 46.576,
290.047

Harmonies

Complementary

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



44, 8.429, 267.145



46, 8.609, 82.269

Rectangle

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



44, 8.429, 267.145



44, 8.429, 317.145



44, 8.429, 87.145



44, 8.429, 137.145

Sweetspot

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



44, 8.428, 267.139



61, 3.348, 265.404



48, 10.364, 166.794



31, 2.208, 265.459



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 8.428, 267.139



55, 12.312, 267.760



42, 13.374, 295.143



23, 2.527, 265.762



23, 48.081, 290.225



48, 86.350, 292.548

Inverse Universe

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



43, 10.660, 350.512



54, 15.631, 350.916



49, 12.844, 111.965



23, 3.160, 349.567



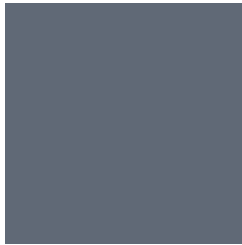
25, 49.080, 8.783



53, 83.548, 11.851

Previews

White Background



This preview shows how the CIELCh color 44, 8.429, 267.145 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, 8.429, 267.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

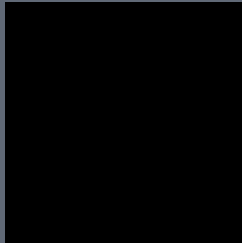
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

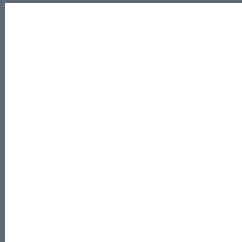
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 8.429, 267.145

Background



This preview shows how black text looks on a background with the CIELCh color 44, 8.429, 267.145.

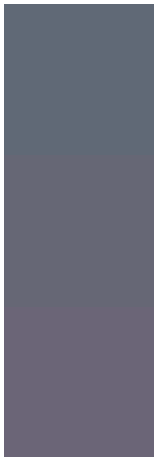


This preview shows how white text looks on a background with the CIELCh color 44, 8.429, 267.145.

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, 8.429, 267.145

Protanopia

44, 8.399, 288.718

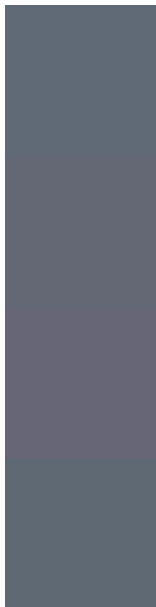
Deuteranopia

44, 11.101, 303.881



Tritanopia
44, 6.563, 254.677

Trichromacy



Original Color

44, 8.429, 267.145

Protanomaly

44, 7.909, 279.971

Deuteranomaly

44, 10.223, 293.802

Tritanomaly

44, 7.044, 257.739

Monochromacy



Original Color

44, 8.429, 267.145

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 3.211, 268.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 8.429, 267.145 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(96, 105, 118)` looks like.

```
.text, #text, p{  
    color:rgb(96, 105, 118)  
}
```

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(96, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 105, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 8.429, 267.145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

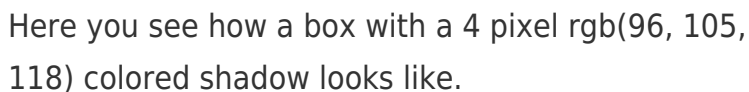
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 105, 118) }
```

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

```
.border{ border-color:rgb(96, 105, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 105, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 105, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 105, 118);  
box-shadow:4px 4px 4px 4px rgb(96, 105,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 8.429, 267.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 105, 118) }
```

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

```
.background{ background-color: rgb(96, 105,  
118) }
```

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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