

Converting Colors

CIELCh(43, 13.043, 287.367)

Have a look what the booklet for
CIELCh(43, 13.043, 287.367)
contains.

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Color

CIELCh(43, 13.260, 288.824)

Conversions

Conversions Part 1

Format	Color
Hex	62647A
RGB	98, 100, 122
RGB Percent	38%, 39%, 48%
CMY	0.6151, 0.6072, 0.5209
CMYK	0.20, 0.18, 0.00, 0.52
HSL	235°, 11%, 43%
HSV	235°, 20%, 48%
XYZ	13.1479, 13.1578, 20.3106
YIQ	101.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

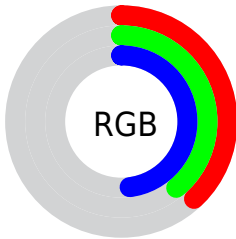
Format	Color
R_{YB}	98, 100, 122
Decimal	6448250
CIE Lab	43.00, 4.28, -12.55
CIE LCh	43, 13.260, 288.824
Yxy	13.1578, 0.2820, 0.2823
Android (android.graphics.Color)	4284638330 (0xFF62647A)
YUV	101.9100, 9.9044, -3.4291
Hunter-Lab	36.2736, 1.2212, -7.8066

Details

The CIELCh color $43, 13.260, 288.824$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 12.798, 104.647$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.883, 288.366$, and $23, 13.383, 289.673$ is the 20% darker color. If you saturate the color by 10%, you get $39, 20.374, 290.234$, and if you desaturate by 10%, it is $47, 6.401, 287.615$.

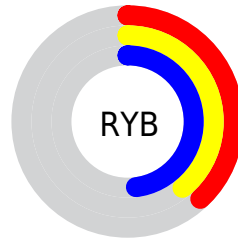
Distribution



Red (38%)

Green (39%)

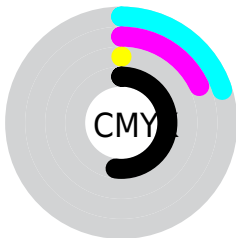
Blue (48%)



Red (38%)

Yellow (39%)

Blue (48%)

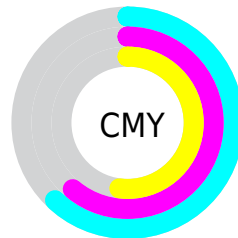


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (52%)



Cyan (62%)


Magenta (61%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.260, 288.824 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 43, 13.260, 288.824 by changing the saturation by 10% instead.


 43, 13.260,
288.824


 43, 13.260,
288.824


 100, 13.260,
288.824


 33, 13.260,
288.824

 63, 13.260,
288.824


 23, 13.260,
288.824

 73, 13.260,
288.824

 13, 13.260,
288.824

 83, 13.260,
288.824

 3, 13.260, 288.824

 93, 13.260,
288.824

 0, 13.260, 288.824

 43, 13.260,

 43, 13.260,

288.824

■ 39, 20.374,
290.234

■ 35, 27.764,
291.877

■ 30, 35.444,
293.771

■ 26, 43.398,
295.911

■ 22, 51.536,
298.248

■ 19, 59.601,
300.656

■ 16, 67.037,
302.914

■ 13, 73.059,
304.622

288.824

■ 47, 6.401, 287.615

■ 51, 0.221, 106.254

■ 56, 6.622, 105.660

■ 60, 12.819,
104.892

■ 64, 18.823,
104.223

■ 68, 24.647,
103.639

■ 72, 30.300,
103.127

■ 76, 35.792,
102.676

■ 80, 41.132,

■ 13, 73.236,
304.664

102.277

Harmonies

Complementary

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



43, 13.260, 288.824



50, 12.798, 104.647

Rectangle

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



43, 13.260, 288.824



43, 13.260, 338.824



43, 13.260, 108.824



43, 13.260, 158.824

Sweetspot

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



43, 13.259, 288.822



62, 4.888, 287.239



49, 9.311, 191.157



32, 3.226, 287.289



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 13.259, 288.822



53, 20.177, 289.490



43, 15.024, 307.079



23, 3.738, 287.551



14, 74.541, 304.705



33, 129.035, 305.493

Inverse Universe

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



44, 10.325, 14.148



54, 15.815, 14.686



50, 14.576, 125.188



24, 2.865, 13.126



25, 57.749, 34.796



53, 100.315, 37.426

Previews

White Background



This preview shows how the CIELCh color 43, 13.260, 288.824 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 43, 13.260, 288.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

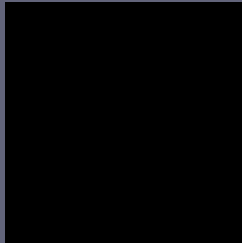
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

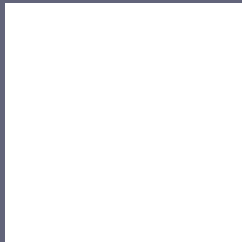
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.260, 288.824

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.260, 288.824.

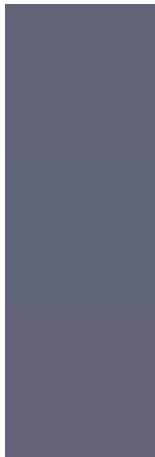


This preview shows how white text looks on a background with the CIELCh color 43, 13.260, 288.824.

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

43, 13.260, 288.824

Protanopia

43, 12.689, 285.175

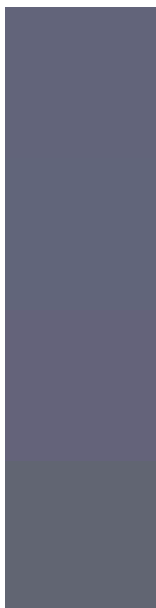
Deuteranopia

43, 13.907, 295.299



Tritanopia
43, 5.319, 264.417

Trichromacy



Original Color
43, 13.260, 288.824

Protanomaly
43, 12.689, 285.175

Deuteranomaly
43, 13.886, 293.737

Tritanomaly
43, 7.949, 280.016

Monochromacy



Original Color
43, 13.260, 288.824

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.818, 290.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.260, 288.824 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(98, 100, 122)` looks like.

```
.text, #text, p{  
    color:rgb(98, 100, 122)  
}
```

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(98, 100, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 100, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.260, 288.824 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(98, 100, 122) }
```

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

```
.border{ border-color:rgb(98, 100, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 100, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 100, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 100, 122);  
box-shadow:4px 4px 4px 4px rgb(98, 100,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.260, 288.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 100, 122) }
```

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

```
.background{ background-color: rgb(98, 100,  
122) }
```

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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