

Converting Colors

CIELCh(43, 12.988, 277.081)

Have a look what the booklet for
CIELCh(43, 12.988, 277.081)
contains.

CIELCh(43, 12.966, 277.052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 12.966, 277.052)

Conversions

Conversions Part 1

Format	Color
Hex	5D667B
RGB	93, 102, 123
RGB Percent	36%, 40%, 48%
CMY	0.6367, 0.6015, 0.5192
CMYK	0.24, 0.17, 0.00, 0.52
HSL	222°, 14%, 42%
HSV	222°, 24%, 48%
XYZ	12.7424, 13.1578, 20.4802
YIQ	101.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

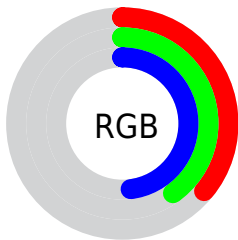
Format	Color
R_{YB}	93, 100, 123
Decimal	6121083
CIE Lab	43.00, 1.59, -12.87
CIE LCh	43, 12.966, 277.052
Yxy	13.1578, 0.2747, 0.2837
Android (android.graphics.Color)	4284311163 (0xFF5D667B)
YUV	101.7030, 10.4994, -7.6325
Hunter-Lab	36.2736, -0.7745, -8.0837

Details

The CIELCh color $43, 12.966, 277.052$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 12.916, 90.757$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.633, 276.800$, and $23, 13.010, 277.444$ is the 20% darker color. If you saturate the color by 10%, you get $40, 18.445, 278.808$, and if you desaturate by 10%, it is $46, 7.593, 275.540$.

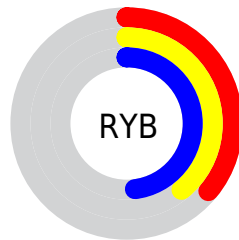
Distribution



Red (36%)

Green (40%)

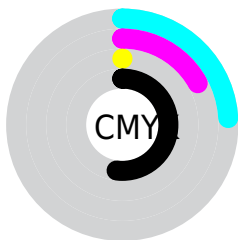
Blue (48%)



Red (36%)

Yellow (39%)

Blue (48%)

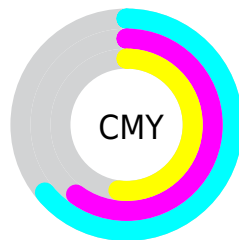


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (52%)



Cyan (64%)


Magenta (60%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.966, 277.052 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, 12.966, 277.052 by changing the saturation by 10% instead.


 43, 12.966,
277.052


 43, 12.966,
277.052


 100, 12.966,
277.052


 33, 12.966,
277.052

 63, 12.966,
277.052


 23, 12.966,
277.052

 73, 12.966,
277.052

 13, 12.966,
277.052

 83, 12.966,
277.052

 3, 12.966, 277.052

 93, 12.966,
277.052

 0, 12.966, 277.052

 43, 12.966,

 43, 12.966,

277.052

277.052

■ 40, 18.445,
278.808

■ 46, 7.593, 275.540

■ 36, 24.043,
280.851

■ 50, 2.322, 274.276

■ 53, 2.851, 93.022

■ 33, 29.775,
283.209

■ 57, 7.927, 92.067

■ 29, 35.662,
285.899

■ 60, 12.909, 91.208

■ 64, 17.797, 90.447

■ 26, 41.718,
288.900

■ 67, 22.593, 89.772

■ 23, 47.931,
292.141

■ 70, 27.297, 89.168

■ 74, 31.911, 88.626

■ 20, 54.219,
295.454

■ 19, 57.702,
297.096

Harmonies

Complementary

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



43, 12.966, 277.052



48, 12.916, 90.757

Rectangle

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



43, 12.966, 277.052



43, 12.966, 327.052



43, 12.966, 97.052



43, 12.966, 147.052

Sweetspot

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



43, 12.965, 277.049



63, 4.559, 274.589



49, 13.009, 172.576



33, 2.987, 274.641



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 12.965, 277.049



54, 19.276, 277.943



41, 18.408, 299.263



24, 2.941, 274.823



19, 58.609, 297.166



42, 104.151, 298.997

Inverse Universe

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



43, 13.773, 358.388



53, 20.535, 359.048



50, 17.485, 115.703



24, 3.080, 356.703



25, 51.165, 19.004



53, 87.598, 22.306

Previews

White Background



This preview shows how the CIE LCh color 43, 12.966, 277.052 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, 12.966, 277.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

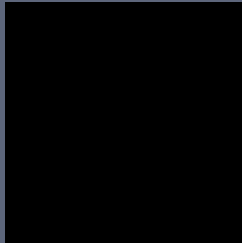
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

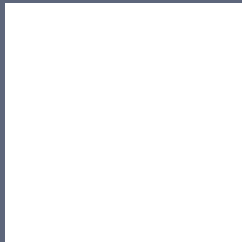
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.966, 277.052

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.966, 277.052.

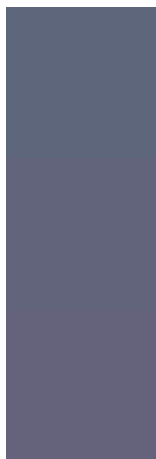


This preview shows how white text looks on a background with the CIELCh color 43, 12.966, 277.052.

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, 12.966, 277.052

Protanopia

43, 13.279, 287.212

Deuteranopia

43, 14.488, 293.749



Tritanopia
43, 7.131, 241.547

Trichromacy



Original Color
43, 12.966, 277.052

Protanomaly
43, 12.781, 281.868

Deuteranomaly
43, 13.877, 287.526

Tritanomaly
43, 8.936, 260.551

Monochromacy



Original Color
43, 12.966, 277.052

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.943, 276.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.966, 277.052 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(93, 102, 123)` looks like.

```
.text, #text, p{  
    color:rgb(93, 102, 123)  
}
```

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(93, 102, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 102, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.966, 277.052 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(93, 102, 123) }
```

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

```
.border{ border-color:rgb(93, 102, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 102, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 102, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 102, 123);  
box-shadow:4px 4px 4px 4px rgb(93, 102,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.966, 277.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 102, 123) }
```

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

```
.background{ background-color: rgb(93, 102,  
123) }
```

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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