

Converting Colors

CIELCh(43, 13.904, 286.004)

Have a look what the booklet for
CIELCh(43, 13.904, 286.004)
contains.

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Color

CIELCh(43, 13.904, 286.004)

Conversions

Conversions Part 1

Format	Color
Hex	60647B
RGB	96, 100, 123
RGB Percent	38%, 39%, 48%
CMY	0.6217, 0.6060, 0.5158
CMYK	0.22, 0.19, 0.00, 0.52
HSL	231°, 12%, 43%
HSV	231°, 22%, 48%
XYZ	13.0802, 13.1578, 20.7479
YIQ	101.4260, -9.7670, 6.3050

Conversions

Conversions Part 2

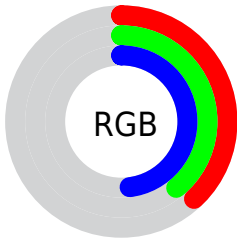
Format	Color
R_{YB}	96, 99, 123
Decimal	6317179
CIE Lab	43.00, 3.83, -13.37
CIE LCh	43, 13.904, 286.004
Yxy	13.1578, 0.2784, 0.2800
Android (android.graphics.Color)	4284507259 (0xFF60647B)
YUV	101.4260, 10.6360, -4.7586
Hunter-Lab	36.2736, 0.8877, -8.5213

Details

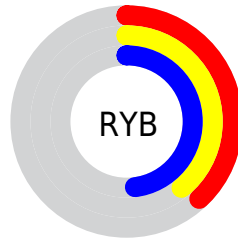
The CIELCh color $43, 13.904, 286.004$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 13.475, 101.045$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 14.039, 285.857$, and $23, 13.435, 284.696$ is the 20% darker color. If you saturate the color by 10%, you get $39, 20.594, 287.530$, and if you desaturate by 10%, it is $47, 7.432, 284.693$.

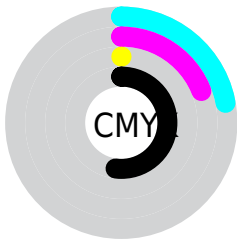
Distribution



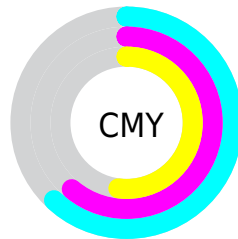
- Red (38%)
- Green (39%)
- Blue (48%)



- Red (38%)
- Yellow (39%)
- Blue (48%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)
- Black (52%)





- Cyan (62%)
- Magenta (61%)
- Yellow (52%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.904, 286.004 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, 13.904, 286.004 by changing the saturation by 10% instead.


 43, 13.904,
286.004


 43, 13.904,
286.004


 100, 13.904,
286.004


 33, 13.904,
286.004

 63, 13.904,
286.004


 23, 13.904,
286.004

 73, 13.904,
286.004

 13, 13.904,
286.004


 83, 13.904,
286.004

 3, 13.904, 286.004

 93, 13.904,
286.004

 0, 13.904, 286.004

 43, 13.904,

 43, 13.904,

286.004

286.004

■ 39, 20.594,
287.530

■ 47, 7.432, 284.693

■ 35, 27.523,
289.304

■ 51, 1.163, 283.628

■ 31, 34.706,
291.348

■ 55, 4.918, 102.555

■ 27, 42.145,
293.663

■ 59, 10.821,
101.718

■ 23, 49.789,
296.205

■ 63, 16.558,
100.983

■ 20, 57.465,
298.864

■ 67, 22.137,
100.338

■ 17, 64.777,
301.442

■ 71, 27.565, 99.769

■ 75, 32.850, 99.265

■ 15, 70.071,
303.155

■ 78, 37.999, 98.816

Harmonies

Complementary

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



43, 13.904, 286.004



50, 13.475, 101.045

Rectangle

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



43, 13.904, 286.004



43, 13.904, 336.004



43, 13.904, 106.004



43, 13.904, 156.004

Sweetspot

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



43, 13.903, 286.002



63, 5.395, 284.147



50, 10.674, 185.375



32, 3.535, 284.196



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, 13.903, 286.002



53, 20.650, 286.699



43, 16.771, 304.893



24, 3.484, 284.361



15, 70.737, 303.184



35, 123.798, 304.319

Inverse Universe

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



44, 11.769, 9.347



54, 17.563, 9.922



50, 16.148, 122.546



24, 2.903, 7.989



25, 55.669, 31.208



53, 96.491, 34.091

Previews

White Background



This preview shows how the CIE LCh color 43, 13.904, 286.004 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, 13.904, 286.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

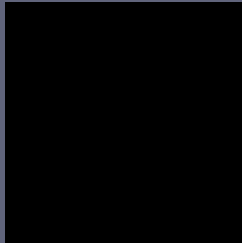
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

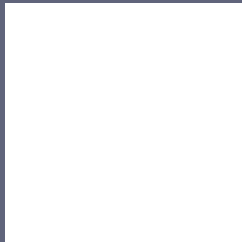
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.904, 286.004

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.904, 286.004.



This preview shows how white text looks on a background with the CIELCh color 43, 13.904, 286.004.

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

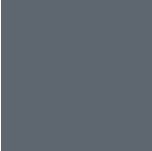
43, 13.904, 286.004

Protanopia

43, 13.916, 284.472

Deuteranopia

43, 15.088, 293.766



Tritanopia
43, 5.892, 254.125

Trichromacy



Original Color
43, 13.904, 286.004

Protanomaly
43, 13.916, 284.472

Deuteranomaly
43, 14.451, 290.761

Tritanomaly
43, 8.775, 273.533

Monochromacy



Original Color
43, 13.904, 286.004

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.427, 286.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.904, 286.004 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, 100, 123)` looks like.

```
.text, #text, p{  
    color:rgb(96, 100, 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(96, 100, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 100, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.904, 286.004 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, 100, 123) }
```

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

```
.border{ border-color:rgb(96, 100, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 100, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 100, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 100, 123);  
box-shadow:4px 4px 4px 4px rgb(96, 100,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.904, 286.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 100, 123) }
```

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

```
.background{ background-color: rgb(96, 100,  
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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