

Converting Colors

CIELCh(43, 20.795, 288.584)

Have a look what the booklet for
CIELCh(43, 20.795, 288.584)
contains.

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Color

CIELCh(43, 21.098, 289.322)

Conversions

Conversions Part 1

Format	Color
Hex	5F6386
RGB	95, 99, 134
RGB Percent	37%, 39%, 53%
CMY	0.6263, 0.6106, 0.4733
CMYK	0.29, 0.26, 0.00, 0.47
HSL	234°, 17%, 45%
HSV	234°, 29%, 53%
XYZ	13.5645, 13.1578, 24.4925
YIQ	101.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

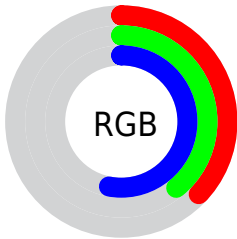
Format	Color
R_{YB}	95, 99, 134
Decimal	6251398
CIE Lab	43.00, 6.98, -19.91
CIE LCh	43, 21.098, 289.322
Yxy	13.1578, 0.2649, 0.2569
Android (android.graphics.Color)	4284441478 (0xFF5F6386)
YUV	101.7940, 15.8776, -5.9583
Hunter-Lab	36.2736, 3.2709, -14.6419

Details

The CIELCh color $43, 21.098, 289.322$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 20.029, 102.706$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 20.734, 288.586$, and $23, 20.717, 288.623$ is the 20% darker color. If you saturate the color by 10%, you get $39, 28.891, 290.993$, and if you desaturate by 10%, it is $48, 13.589, 287.886$.

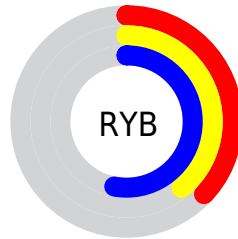
Distribution



Red (37%)

Green (39%)

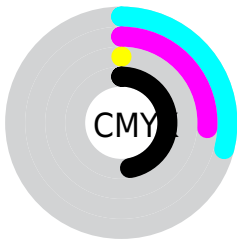
Blue (53%)



Red (37%)

Yellow (39%)

Blue (53%)

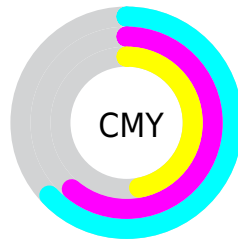


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (63%)


Magenta (61%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.098, 289.322 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, 21.098, 289.322 by changing the saturation by 10% instead.


 43, 21.098,
289.322


 43, 21.098,
289.322


 100, 21.098,
289.322


 33, 21.098,
289.322

 63, 21.098,
289.322


 23, 21.098,
289.322

 73, 21.098,
289.322

 13, 21.098,
289.322

 83, 21.098,
289.322

 3, 21.098, 289.322

 93, 21.098,
289.322

 0, 21.098, 289.322

 43, 21.098,

 43, 21.098,

289.322

289.322

■ 39, 28.891,
290.993

■ 48, 13.589,
287.886

■ 34, 36.989,
292.925

■ 52, 6.347, 286.662

■ 30, 45.382,
295.116

■ 56, 0.650, 105.470

■ 61, 7.421, 104.674

■ 26, 53.995,
297.522

■ 65, 13.979,
103.894

■ 22, 62.589,
300.025

■ 70, 20.337,
103.214

■ 18, 70.630,
302.412

■ 74, 26.508,
102.619

■ 16, 77.295,
304.316

■ 78, 32.501,
102.097

■ 16, 77.835,
304.451

■ 83, 38.326,

Harmonies

Complementary

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



43, 21.098, 289.322



54, 20.029, 102.706

Rectangle

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



43, 21.098, 289.322



43, 21.098, 339.322



43, 21.098, 109.322



43, 21.098, 159.322

Sweetspot

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



43, 21.097, 289.321



66, 7.782, 286.679



53, 14.686, 187.550



33, 5.395, 286.823



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 21.097, 289.321



51, 31.711, 290.417



43, 24.229, 306.509



26, 3.916, 286.670



15, 75.886, 304.392



0, 0.925, 285.688

Inverse Universe

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



45, 16.999, 13.781



54, 25.703, 14.720



54, 23.064, 123.447



26, 3.073, 11.610



26, 59.064, 34.202



0, 0.716, 10.951

Previews

White Background



This preview shows how the CIE LCh color 43, 21.098, 289.322 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 43, 21.098, 289.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

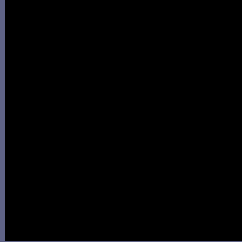
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 21.098, 289.322

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.098, 289.322.



This preview shows how white text looks on a background with the CIELCh color 43, 21.098, 289.322.

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

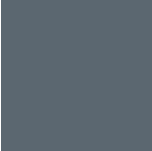
43, 21.098, 289.322

Protanopia

43, 21.166, 285.563

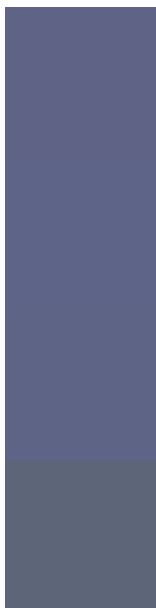
Deuteranopia

43, 20.540, 286.178



Tritanopia
43, 7.035, 249.629

Trichromacy



Original Color
43, 21.098, 289.322

Protanomaly
43, 21.133, 286.483

Deuteranomaly
43, 20.510, 287.138

Tritanomaly
43, 11.251, 274.225

Monochromacy



Original Color
43, 21.098, 289.322

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 7.828, 288.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.098, 289.322 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(95, 99, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 99, 134)  
}
```

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(95, 99, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 99, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.098, 289.322 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(95, 99, 134) }
```

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

```
.border{ border-color:rgb(95, 99, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 99, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 99, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 99, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 99,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.098, 289.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 99, 134) }
```

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

```
.background{ background-color: rgb(95, 99,  
134) }
```

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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