

Converting Colors

CIELCh(43, 43.832, 293.825)

Have a look what the booklet for
CIELCh(43, 43.832, 293.825)
contains.

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Color

CIELCh(43, 43.832, 293.825)

Conversions

Conversions Part 1

Format	Color
Hex	595FA8
RGB	89, 95, 168
RGB Percent	35%, 37%, 66%
CMY	0.6506, 0.6271, 0.3408
CMYK	0.47, 0.43, 0.00, 0.34
HSL	235°, 31%, 50%
HSV	235°, 47%, 66%
XYZ	15.3042, 13.1578, 38.8232
YIQ	101.5280, -27.0090, 21.4310

Conversions

Conversions Part 2

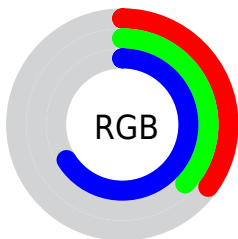
Format	Color
R_{YB}	89, 95, 168
Decimal	5857192
CIE _{Lab}	43.00, 17.71, -40.10
CIE _{LCh}	43, 43.832, 293.825
Yxy	13.1578, 0.2275, 0.1956
Android (android.graphics.Color)	4284047272 (0xFF595FA8)
YUV	101.5280, 32.7707, -10.9871
Hunter-Lab	36.2736, 11.8323, -38.0657

Details

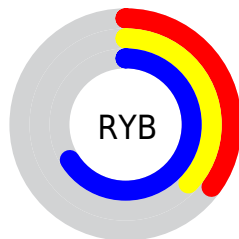
The CIELCh color $43, 43.832, 293.825$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $66, 39.407, 102.147$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 44.209, 293.972$, and $23, 43.724, 293.972$ is the 20% darker color. If you saturate the color by 10%, you get $38, 54.214, 295.988$, and if you desaturate by 10%, it is $48, 33.823, 291.924$.

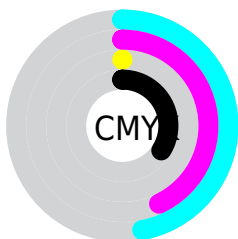
Distribution



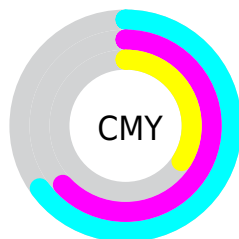
- Red (35%)
- Green (37%)
- Blue (66%)



- Red (35%)
- Yellow (37%)
- Blue (66%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (34%)





- Cyan (65%)
- Magenta (63%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 43.832, 293.825 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, 43.832, 293.825 by changing the saturation by 10% instead.


 43, 43.832,
293.825


 43, 43.832,
293.825


 100, 43.832,
293.825


 33, 43.832,
293.825

 63, 43.832,
293.825


 23, 43.832,
293.825

 73, 43.832,
293.825

 13, 43.832,
293.825

 83, 43.832,
293.825

 3, 43.832, 293.825

 93, 43.832,
293.825

 0, 43.832, 293.825

 43, 43.832,

 43, 43.832,

293.825

■ 38, 54.214,
295.988

■ 33, 64.853,
298.360

■ 28, 75.396,
300.808

■ 24, 85.065,
303.093

■ 21, 92.635,
304.888

■ 20, 94.350,
305.253

293.825

■ 48, 33.823,
291.924

■ 54, 24.204,
290.284

■ 60, 14.955,
288.882

■ 65, 6.050, 287.693

■ 71, 2.539, 106.624

■ 76, 10.834,
105.772

■ 81, 18.856,
105.021

■ 87, 26.622,
104.370

■ 92, 34.148,
103.803

Harmonies

Complementary

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



43, 43.832, 293.825



66, 39.407, 102.147

Rectangle

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



43, 43.832, 293.825



43, 43.832, 343.825



43, 43.832, 113.825



43, 43.832, 163.825

Sweetspot

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



43, 43.831, 293.826



78, 15.218, 288.536



64, 26.251, 189.073



40, 10.530, 288.797



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



43, 43.831, 293.826



49, 66.137, 295.994



44, 48.341, 308.818



33, 4.916, 287.947



17, 85.414, 305.099



1, 8.940, 287.429

Inverse Universe

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



47, 34.745, 18.820



57, 52.395, 21.082



65, 44.529, 123.833



33, 3.737, 13.775



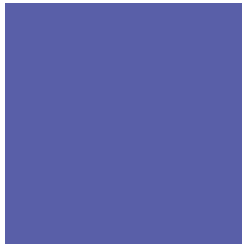
30, 66.374, 36.238



1, 6.610, 13.991

Previews

White Background



This preview shows how the CIELCh color 43, 43.832, 293.825 looks on a white background.

Color Contrast Check

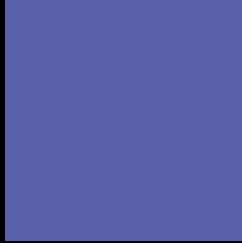
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.832, 293.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

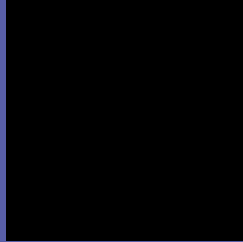
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 43.832, 293.825

Background



This preview shows how black text looks on a background with the CIELCh color 43, 43.832, 293.825.



This preview shows how white text looks on a background with the CIELCh color 43, 43.832, 293.825.

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, 43.832, 293.825

Protanopia

43, 44.073, 286.002

Deuteranopia

43, 39.873, 279.425



Tritanopia
43, 12.738, 220.515

Trichromacy



Original Color
43, 43.832, 293.825

Protanomaly
43, 43.908, 288.514

Deuteranomaly
43, 41.175, 284.984

Tritanomaly
43, 19.996, 268.864

Monochromacy



Original Color
43, 43.832, 293.825

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 16.284, 289.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 43.832, 293.825 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(89, 95, 168)` looks like.

```
.text, #text, p{  
    color:rgb(89, 95, 168)  
}
```

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(89, 95, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 95, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 43.832, 293.825 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(89, 95, 168) }
```

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

```
.border{ border-color:rgb(89, 95, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 95, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 95, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 95, 168);  
box-shadow:4px 4px 4px 4px rgb(89, 95,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 43.832, 293.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 95, 168) }
```

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

```
.background{ background-color: rgb(89, 95,  
168) }
```

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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