

Converting Colors

CIELCh(43, 57.017, 332.506)

Have a look what the booklet for
CIELCh(43, 57.017, 332.506)
contains.

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Color

CIELCh(43, 57.037, 332.328)

Conversions

Conversions Part 1	
Format	Color
Hex	A03F92
RGB	160, 63, 146
RGB Percent	63%, 25%, 57%
CMY	0.3717, 0.7521, 0.4266
CMYK	0.00, 0.61, 0.09, 0.37
HSL	309°, 43%, 44%
HSV	309°, 61%, 63%
XYZ	21.5364, 13.1578, 28.6855
YIQ	101.4650, 31.1690, 46.3770

Conversions

Conversions Part 2

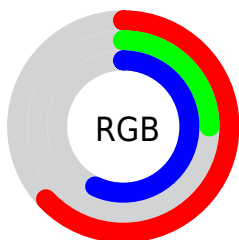
Format	Color
RYB	160, 63, 146
Decimal	10502034
CIELab	43.00, 50.51, -26.49
CIELCh	43, 57.037, 332.328
Yxy	13.1578, 0.3398, 0.2076
Android (android.graphics.Color)	4288692114 (0xFFA03F92)
YUV	101.4650, 21.9558, 51.3352
Hunter-Lab	36.2736, 42.5004, -21.4955

Details

The CIELCh color $43, 57.037, 332.328$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $59, 57.839, 143.102$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 57.133, 332.402$, and $23, 56.068, 332.192$ is the 20% darker color. If you saturate the color by 10%, you get $41, 63.736, 332.946$, and if you desaturate by 10%, it is $46, 48.959, 331.711$.

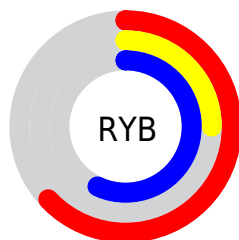
Distribution



Red (63%)

Green (25%)

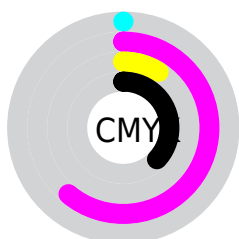
Blue (57%)



Red (63%)

Yellow (25%)

Blue (57%)

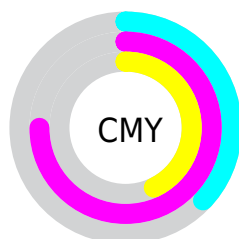


Cyan (0%)

Magenta (61%)

Yellow (9%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 57.037, 332.328 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, 57.037, 332.328 by changing the saturation by 10% instead.


 43, 57.037,
332.328


 43, 57.037,
332.328


 100, 57.037,
332.328


 33, 57.037,
332.328

 63, 57.037,
332.328


 23, 57.037,
332.328

 73, 57.037,
332.328

 13, 57.037,
332.328

 83, 57.037,
332.328

 3, 57.037, 332.328

 93, 57.037,
332.328


 0, 57.037, 332.328


 43, 57.037,

 43, 57.037,

332.328

332.328


 41, 63.736,
332.946


 46, 48.959,
331.711


 39, 68.683,
333.574


 49, 39.922,
331.093

 37, 71.641,
334.228

 53, 30.301,
330.476


 37, 73.010,
334.877


 57, 20.394,
329.863

 61, 10.422,
329.253

 66, 0.538, 328.232

 70, 9.164, 148.160

 75, 18.625,
147.607

 79, 27.818,
147.088

Harmonies

Complementary

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



43, 57.037, 332.328



59, 57.839, 143.102

Rectangle

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



43, 57.037, 332.328



43, 57.037, 22.328



43, 57.037, 152.328



43, 57.037, 202.328

Sweetspot

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



43, 57.035, 332.328



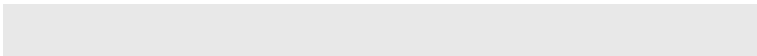
74, 22.184, 329.729



33, 60.424, 302.338



38, 15.394, 329.897



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 57.035, 332.328



52, 80.277, 333.186



41, 43.715, 359.845



31, 5.525, 329.173



32, 67.180, 334.802



1, 7.051, 329.547

Inverse Universe

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



43, 57.035, 332.328



52, 80.277, 333.186



60, 38.524, 164.660



31, 5.525, 329.173



32, 67.180, 334.802



1, 7.051, 329.547

Previews

White Background



This preview shows how the CIELCh color 43, 57.037, 332.328 looks on a white background.

Color Contrast Check

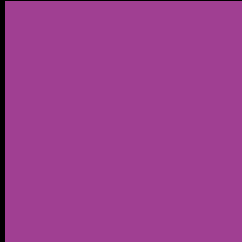
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.037, 332.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

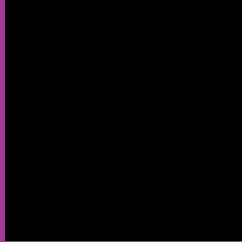
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 57.037, 332.328

Background



This preview shows how black text looks on a background with the CIELCh color 43, 57.037, 332.328.



This preview shows how white text looks on a background with the CIELCh color 43, 57.037, 332.328.

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, 57.037, 332.328

Protanopia

44, 46.384, 286.086

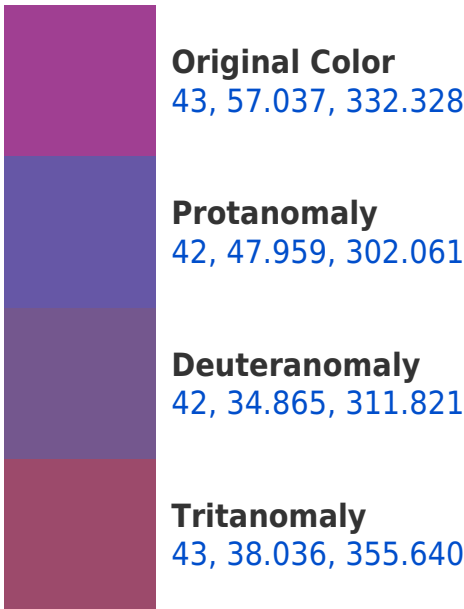
Deuteranopia

43, 23.601, 284.338



Tritanopia
43, 33.181, 19.580

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 57.037, 332.328 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(160, 63, 146)` looks like.

```
.text, #text, p{  
    color:rgb(160, 63, 146)  
}
```

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(160, 63, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 63, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 57.037, 332.328 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(160, 63, 146) }
```

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

```
.border{ border-color:rgb(160, 63, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 63, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 63, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 63, 146);  
box-shadow:4px 4px 4px 4px rgb(160, 63,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 57.037, 332.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 63, 146) }
```

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

```
.background{ background-color: rgb(160, 63,  
146) }
```

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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