

Converting Colors

CIELCh(43, 30.258, 333.125)

Have a look what the booklet for
CIELCh(43, 30.258, 333.125)
contains.

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Color

CIELCh(43, 30.646, 332.851)

Conversions

Conversions Part 1

Format	Color
Hex	87557D
RGB	135, 85, 125
RGB Percent	53%, 33%, 49%
CMY	0.4701, 0.6662, 0.5094
CMYK	0.00, 0.37, 0.07, 0.47
HSL	312°, 23%, 43%
HSV	312°, 37%, 53%
XYZ	16.9759, 13.1578, 21.0844
YIQ	104.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

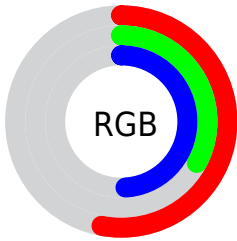
Format	Color
R_{YB}	135, 85, 125
Decimal	8869245
CIE _{Lab}	43.00, 27.27, -13.98
CIE _{LCh}	43, 30.646, 332.851
Yxy	13.1578, 0.3314, 0.2569
Android (android.graphics.Color)	4287059325 (0xFF87557D)
YUV	104.5100, 10.1016, 26.7397
Hunter-Lab	36.2736, 20.0584, -9.0714

Details

The CIELCh color $43, 30.646, 332.851$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 30.530, 147.681$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 30.491, 332.586$, and $23, 30.556, 332.844$ is the 20% darker color. If you saturate the color by 10%, you get $40, 38.468, 333.532$, and if you desaturate by 10%, it is $46, 22.453, 332.190$.

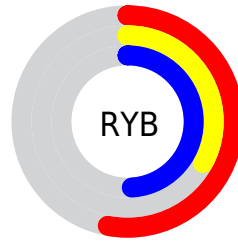
Distribution



Red (53%)

Green (33%)

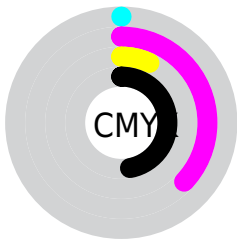
Blue (49%)



Red (53%)

Yellow (33%)

Blue (49%)

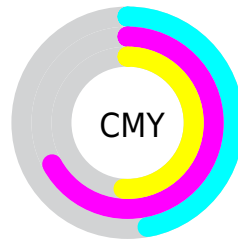


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (47%)



Cyan (47%)


Magenta (67%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 30.646, 332.851 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, 30.646, 332.851 by changing the saturation by 10% instead.


 43, 30.646,
332.851


 43, 30.646,
332.851


 100, 30.646,
332.851


 33, 30.646,
332.851

 63, 30.646,
332.851


 23, 30.646,
332.851

 73, 30.646,
332.851

 13, 30.646,
332.851

 83, 30.646,
332.851

 3, 30.646, 332.851

 93, 30.646,
332.851

 0, 30.646, 332.851

 43, 30.646,

 43, 30.646,

332.851

40, 38.468,
333.532

37, 45.637,
334.237

35, 51.812,
334.974

33, 56.643,
335.759

31, 59.855,
336.618

30, 61.523,
337.568

30, 61.962,
337.853

332.851

46, 22.453,
332.190

50, 14.114,
331.547

54, 5.783, 330.909

58, 2.435, 150.453

61, 10.479,
149.814

65, 18.311,
149.265

69, 25.917,
148.749

73, 33.293,
148.261

■ 77, 40.443,
147.800

Harmonies

Complementary

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



43, 30.646, 332.851



52, 30.530, 147.681

Rectangle

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



43, 30.646, 332.851



43, 30.646, 22.851



43, 30.646, 152.851



43, 30.646, 202.851

Sweetspot

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



43, 30.644, 332.851



67, 11.290, 331.181



39, 30.920, 301.087



34, 7.651, 331.255



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 30.644, 332.851



53, 44.811, 333.393



42, 22.954, 0.124



26, 4.588, 331.045



29, 60.305, 337.810



0, 1.092, 330.527

Inverse Universe

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



43, 30.644, 332.851



53, 44.811, 333.393



53, 20.630, 172.344



26, 4.588, 331.045



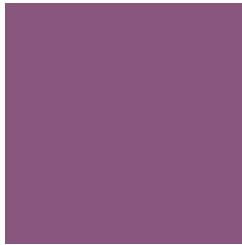
29, 60.305, 337.810



0, 1.092, 330.527

Previews

White Background



This preview shows how the CIELCh color 43, 30.646, 332.851 looks on a white background.

Color Contrast Check

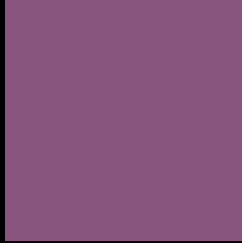
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.646, 332.851 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, 30.646, 332.851

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.646, 332.851.



This preview shows how white text looks on a background with the CIELCh color 43, 30.646, 332.851.

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, 30.646, 332.851

Protanopia

43, 21.169, 284.613

Deuteranopia

43, 13.283, 295.358



Tritanopia
43, 18.071, 10.663

Trichromacy



Original Color
43, 30.646, 332.851

Protanomaly
43, 22.925, 305.355

Deuteranomaly
43, 18.483, 315.973

Tritanomaly
43, 21.156, 352.177

Monochromacy



Original Color
43, 30.646, 332.851

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 11.176, 332.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.646, 332.851 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(135, 85, 125)` looks like.

```
.text, #text, p{  
    color:rgb(135, 85, 125)  
}
```

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(135, 85, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 85, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.646, 332.851 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(135, 85, 125) }
```

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

```
.border{ border-color:rgb(135, 85, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 85, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 85, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 85, 125);  
box-shadow:4px 4px 4px 4px rgb(135, 85,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.646, 332.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 85, 125) }
```

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

```
.background{ background-color: rgb(135, 85,  
125) }
```

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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