

Converting Colors

CIELCh(46, 37.217, 325.883)

Have a look what the booklet for
CIELCh(46, 37.217, 325.883)
contains.

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Color

CIELCh(46, 37.268, 325.858)

Conversions

Conversions Part 1

Format	Color
Hex	8F5A90
RGB	143, 90, 144
RGB Percent	56%, 35%, 56%
CMY	0.4378, 0.6457, 0.4339
CMYK	0.01, 0.37, 0.00, 0.43
HSL	299°, 23%, 46%
HSV	299°, 37%, 57%
XYZ	20.1397, 15.2687, 28.4182
YIQ	112.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

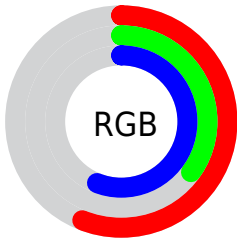
Format	Color
RYB	143, 90, 144
Decimal	9394832
CIELab	46.00, 30.84, -20.92
CIELCh	46, 37.268, 325.858
Yxy	15.2687, 0.3155, 0.2392
Android (android.graphics.Color)	4287584912 (0xFF8F5A90)
YUV	112.0030, 15.7745, 27.1844
Hunter-Lab	39.0751, 23.6193, -15.7672

Details

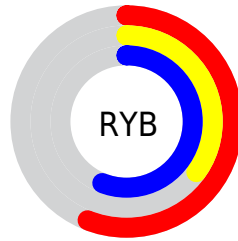
The CIELCh color $46, 37.268, 325.858$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 37.265, 141.349$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 37.452, 325.993$, and $26, 37.072, 325.889$ is the 20% darker color. If you saturate the color by 10%, you get $43, 46.623, 326.315$, and if you desaturate by 10%, it is $49, 27.446, 325.364$.

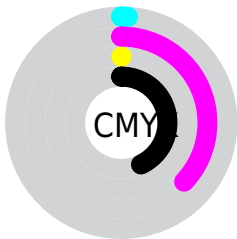
Distribution



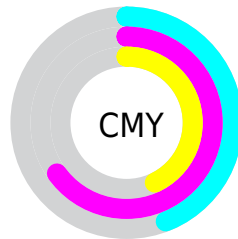
- Red (56%)
- Green (35%)
- Blue (56%)



- Red (56%)
- Yellow (35%)
- Blue (56%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (43%)




- Cyan (44%)
- Magenta (65%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 37.268, 325.858 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 46, 37.268, 325.858 by changing the saturation by 10% instead.


 46, 37.268,
325.858


 46, 37.268,
325.858


 100, 37.268,
325.858


 36, 37.268,
325.858

 66, 37.268,
325.858


 26, 37.268,
325.858

 76, 37.268,
325.858

 16, 37.268,
325.858

 86, 37.268,
325.858

 6, 37.268, 325.858

 96, 37.268,
325.858

 0, 37.268, 325.858

 46, 37.268,

 46, 37.268,

325.858

43, 46.623,
326.315

40, 55.192,
326.719

38, 62.605,
327.051

36, 68.507,
327.296

34, 72.642,
327.446

34, 75.126,
327.508

33, 75.705,
327.521

325.858

49, 27.446,
325.364

53, 17.422,
324.847

57, 7.383, 324.311


61, 2.541, 143.900

65, 12.265,
143.333

69, 21.739,
142.839

73, 30.938,
142.372

77, 39.853,
141.930

 82, 48.485,
141.515

Harmonies

Complementary

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



46, 37.268, 325.858



55, 37.265, 141.349

Rectangle

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



46, 37.268, 325.858



46, 37.268, 15.858



46, 37.268, 145.858



46, 37.268, 195.858

Sweetspot

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



46, 37.266, 325.858



71, 13.654, 324.519



41, 31.686, 293.651



36, 9.150, 324.582



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



46, 37.266, 325.858



56, 55.184, 326.252



45, 27.441, 345.279



28, 5.576, 324.407



31, 72.159, 327.525



1, 3.745, 323.950

Inverse Universe

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



44, 24.006, 21.384



54, 36.874, 22.763



56, 26.459, 158.454



28, 3.245, 18.397



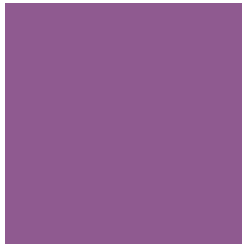
27, 63.543, 38.073



0, 2.123, 17.873

Previews

White Background



This preview shows how the CIELCh color 46, 37.268, 325.858 looks on a white background.

Color Contrast Check

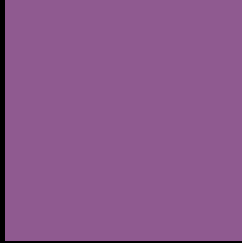
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 37.268, 325.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

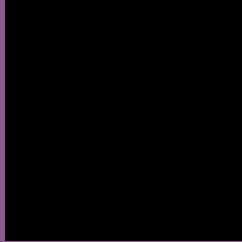
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 37.268, 325.858

Background



This preview shows how black text looks on a background with the CIELCh color 46, 37.268, 325.858.



This preview shows how white text looks on a background with the CIELCh color 46, 37.268, 325.858.

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





Tritanopia
46, 17.567, 6.314

Trichromacy



Original Color
46, 37.268, 325.858

Protanomaly
46, 30.604, 299.974

Deuteranomaly
46, 25.310, 307.563

Tritanomaly
46, 23.318, 343.501

Monochromacy



Original Color
46, 37.268, 325.858

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 14.104, 323.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 37.268, 325.858 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(143, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 90, 144)  
}
```

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(143, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 90, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 37.268, 325.858 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(143, 90, 144) }
```

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

```
.border{ border-color:rgb(143, 90, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 90, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 90,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 37.268, 325.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 90, 144) }
```

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

```
.background{ background-color: rgb(143, 90,  
144) }
```

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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