

Converting Colors

CIELCh(46, 30.731, 332.564)

Have a look what the booklet for
CIELCh(46, 30.731, 332.564)
contains.

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Color

CIELCh(46, 31.043, 332.625)

Conversions

Conversions Part 1

Format	Color
Hex	8F5C85
RGB	143, 92, 133
RGB Percent	56%, 36%, 52%
CMY	0.4381, 0.6381, 0.4773
CMYK	0.00, 0.36, 0.07, 0.44
HSL	312°, 22%, 46%
HSV	312°, 36%, 56%
XYZ	19.4826, 15.2687, 24.2137
YIQ	111.9230, 17.2350, 23.5630

Conversions

Conversions Part 2

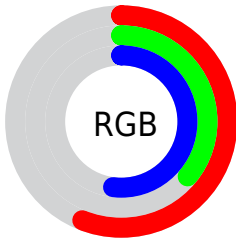
Format	Color
R _Y B	143, 92, 133
Decimal	9395333
CIE Lab	46.00, 27.57, -14.27
CIE LCh	46, 31.043, 332.625
Yxy	15.2687, 0.3304, 0.2589
Android (android.graphics.Color)	4287585413 (0xFF8F5C85)
YUV	111.9230, 10.3910, 27.2545
Hunter-Lab	39.0751, 20.6173, -9.3876

Details

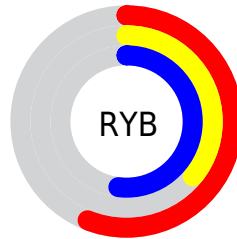
The CIELCh color $46, 31.043, 332.625$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 30.926, 147.672$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 31.139, 332.973$, and $26, 31.220, 333.246$ is the 20% darker color. If you saturate the color by 10%, you get $43, 39.331, 333.302$, and if you desaturate by 10%, it is $50, 22.394, 331.967$.

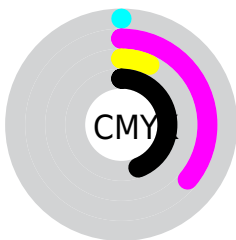
Distribution



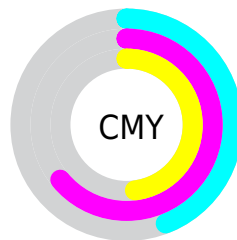
- Red (56%)
- Green (36%)
- Blue (52%)



- Red (56%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (44%)





- Cyan (44%)
- Magenta (64%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 31.043, 332.625 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, 31.043, 332.625 by changing the saturation by 10% instead.


 46, 31.043,
332.625


 46, 31.043,
332.625


 100, 31.043,
332.625


 36, 31.043,
332.625

 66, 31.043,
332.625


 26, 31.043,
332.625

 76, 31.043,
332.625

 16, 31.043,
332.625

 86, 31.043,
332.625

 6, 31.043, 332.625

 96, 31.043,
332.625

 0, 31.043, 332.625

 46, 31.043,

 46, 31.043,

332.625

43, 39.331,
333.302

40, 46.967,
334.001

37, 53.592,
334.728

35, 58.836,
335.499

33, 62.392,
336.337

32, 64.197,
337.270

32, 64.798,
337.689

332.625

50, 22.394,
331.967

53, 13.614,
331.325

57, 4.860, 330.681

61, 3.764, 150.205

65, 12.197,
149.598

69, 20.403,
149.053

74, 28.369,
148.539

78, 36.091,
148.054

■ 82, 43.577,
147.596

Harmonies

Complementary

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



46, 31.043, 332.625



55, 30.926, 147.672

Rectangle

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



46, 31.043, 332.625



46, 31.043, 22.625



46, 31.043, 152.625



46, 31.043, 202.625

Sweetspot

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



46, 31.041, 332.625



70, 11.853, 331.048



42, 31.115, 300.421



36, 8.033, 331.124



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, 31.041, 332.625



56, 46.024, 333.186



45, 23.280, 358.765



28, 4.894, 330.916



30, 62.148, 337.627



1, 3.285, 330.393

Inverse Universe

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



46, 31.041, 332.625



56, 46.024, 333.186



56, 21.134, 171.327



28, 4.894, 330.916



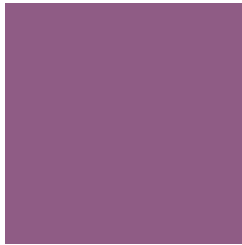
30, 62.148, 337.627



1, 3.285, 330.393

Previews

White Background



This preview shows how the CIELCh color 46, 31.043, 332.625 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 46, 31.043, 332.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

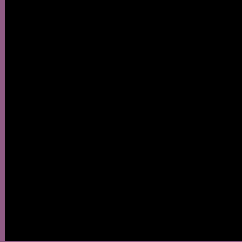
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 31.043, 332.625

Background



This preview shows how black text looks on a background with the CIELCh color 46, 31.043, 332.625.



This preview shows how white text looks on a background with the CIELCh color 46, 31.043, 332.625.

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

46, 31.043, 332.625

Protanopia

46, 22.097, 285.042

Deuteranopia

46, 14.313, 295.127



Tritanopia
46, 18.325, 8.985

Trichromacy



Original Color
46, 31.043, 332.625

Protanomaly
46, 23.819, 304.727

Deuteranomaly
46, 19.361, 314.519

Tritanomaly
46, 21.543, 351.221

Monochromacy



Original Color
46, 31.043, 332.625

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 11.497, 330.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 31.043, 332.625 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, 92, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 133)  
}
```

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, 92, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 31.043, 332.625 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, 92, 133) }
```

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

```
.border{ border-color:rgb(143, 92, 133) }
```

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

Here you see how a box with a 4 pixel rgb(143, 92, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 31.043, 332.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 133) }
```

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

```
.background{ background-color: rgb(143, 92,  
133) }
```

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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