

Converting Colors

CIELCh(46, 25.530, 328.819)

Have a look what the booklet for
CIELCh(46, 25.530, 328.819)
contains.

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Color

CIELCh(46, 25.660, 328.973)

Conversions

Conversions Part 1

Format	Color
Hex	876083
RGB	135, 96, 131
RGB Percent	53%, 38%, 51%
CMY	0.4690, 0.6220, 0.4847
CMYK	0.00, 0.29, 0.03, 0.47
HSL	306°, 17%, 45%
HSV	306°, 29%, 53%
XYZ	18.3975, 15.2687, 23.5910
YIQ	111.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

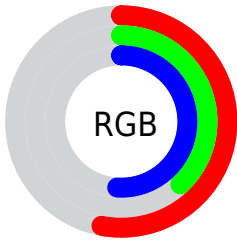
Format	Color
R_{YB}	135, 96, 131
Decimal	8872067
CIE Lab	46.00, 21.99, -13.23
CIE LCh	46, 25.660, 328.973
Yxy	15.2687, 0.3213, 0.2667
Android (android.graphics.Color)	4287062147 (0xFF876083)
YUV	111.6510, 9.5391, 20.4771
Hunter-Lab	39.0751, 15.6605, -8.4428

Details

The CIELCh color $46, 25.660, 328.973$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 25.626, 145.376$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 25.697, 329.149$, and $26, 25.850, 328.994$ is the 20% darker color. If you saturate the color by 10%, you get $43, 34.355, 329.544$, and if you desaturate by 10%, it is $50, 16.752, 328.398$.

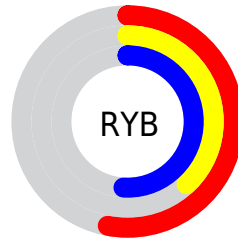
Distribution



Red (53%)

Green (38%)

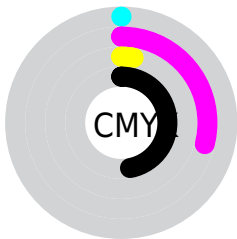
Blue (51%)



Red (53%)

Yellow (38%)

Blue (51%)

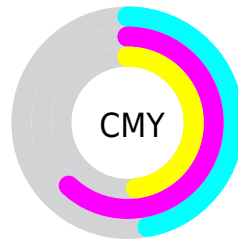


Cyan (0%)

Magenta (29%)

Yellow (3%)

Black (47%)



Cyan (47%)


Magenta (62%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 25.660, 328.973 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, 25.660, 328.973 by changing the saturation by 10% instead.


 46, 25.660,
328.973


 46, 25.660,
328.973


 100, 25.660,
328.973


 36, 25.660,
328.973

 66, 25.660,
328.973


 26, 25.660,
328.973

 76, 25.660,
328.973

 16, 25.660,
328.973

 86, 25.660,
328.973

 6, 25.660, 328.973

 96, 25.660,
328.973

 0, 25.660, 328.973

 46, 25.660,

 46, 25.660,

328.973

43, 34.355,
329.544

40, 42.598,
330.104

37, 50.082,
330.645

35, 56.458,
331.164

33, 61.394,
331.661

32, 64.655,
332.140

31, 66.535,
332.611

31, 66.749,
332.666

328.973

50, 16.752,
328.398

53, 7.815, 327.818

57, 1.031, 147.496

61, 9.707, 146.774

65, 18.167,
146.246

69, 26.388,
145.748

73, 34.361,
145.275

76, 42.089,
144.829

80, 49.578,

Harmonies

Complementary

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



46, 25.660, 328.973



53, 25.626, 145.376

Rectangle

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



46, 25.660, 328.973



46, 25.660, 18.973



46, 25.660, 148.973



46, 25.660, 198.973

Sweetspot

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



46, 25.658, 328.973



68, 9.880, 327.840



43, 23.635, 296.884



35, 6.925, 327.916



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



46, 25.658, 328.973



56, 38.464, 329.371



45, 18.558, 352.244



27, 5.071, 327.838



30, 65.756, 332.656



0, 2.340, 327.351

Inverse Universe

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



46, 25.658, 328.973



56, 38.464, 329.371



53, 17.566, 166.731



27, 5.071, 327.838



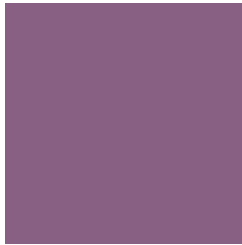
30, 65.756, 332.656



0, 2.340, 327.351

Previews

White Background



This preview shows how the CIELCh color 46, 25.660, 328.973 looks on a white background.

Color Contrast Check

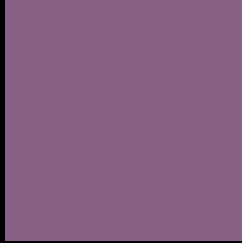
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.660, 328.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

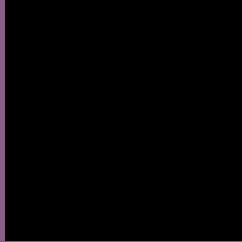
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 25.660, 328.973

Background



This preview shows how black text looks on a background with the CIELCh color 46, 25.660, 328.973.



This preview shows how white text looks on a background with the CIELCh color 46, 25.660, 328.973.

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, 25.660, 328.973

Protanopia

46, 19.104, 285.276

Deuteranopia

46, 13.160, 296.919



Tritanopia
46, 13.657, 3.661

Trichromacy



Original Color
46, 25.660, 328.973

Protanomaly
46, 20.071, 303.424

Deuteranomaly
46, 17.288, 313.098

Tritanomaly
46, 17.457, 344.243

Monochromacy



Original Color
46, 25.660, 328.973

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.825, 328.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 25.660, 328.973 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, 96, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 96, 131)  
}
```

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, 96, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 96, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 25.660, 328.973 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, 96, 131) }
```

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

```
.border{ border-color:rgb(135, 96, 131) }
```

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

Here you see how a box with a 4 pixel rgb(135, 96, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 96, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 96, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 96,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 25.660, 328.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 96, 131) }
```

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

```
.background{ background-color: rgb(135, 96,  
131) }
```

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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