

Converting Colors

CIELCh(46, 32.889, 354.860)

Have a look what the booklet for
CIELCh(46, 32.889, 354.860)
contains.

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Color

CIELCh(46, 32.926, 354.899)

Conversions

Conversions Part 1

Format	Color
Hex	9E5773
RGB	158, 87, 115
RGB Percent	62%, 34%, 45%
CMY	0.3812, 0.6595, 0.5497
CMYK	0.00, 0.45, 0.27, 0.38
HSL	336°, 29%, 48%
HSV	336°, 45%, 62%
XYZ	20.5377, 15.2687, 18.0286
YIQ	111.4210, 33.3280, 23.7600

Conversions

Conversions Part 2

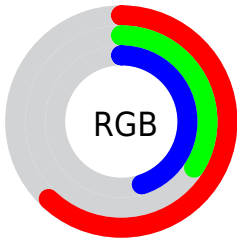
Format	Color
R_{YB}	158, 87, 115
Decimal	10377075
CIE Lab	46.00, 32.80, -2.93
CIE LCh	46, 32.926, 354.899
Yxy	15.2687, 0.3815, 0.2836
Android (android.graphics.Color)	4288567155 (0xFF9E5773)
YUV	111.4210, 1.7644, 40.8498
Hunter-Lab	39.0751, 25.4374, -0.0028

Details

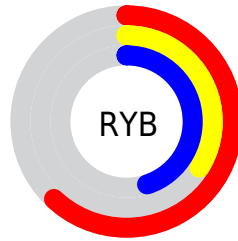
The CIELCh color $46, 32.926, 354.899$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 30.153, 165.114$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 33.097, 354.464$, and $26, 32.906, 354.694$ is the 20% darker color. If you saturate the color by 10%, you get $42, 39.914, 356.660$, and if you desaturate by 10%, it is $50, 25.573, 353.438$.

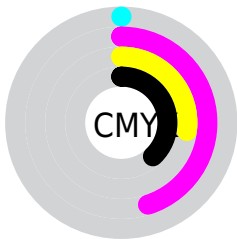
Distribution



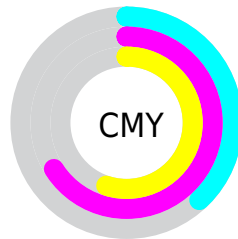
- Red (62%)
- Green (34%)
- Blue (45%)



- Red (62%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (38%)




- Cyan (38%)
- Magenta (66%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 32.926, 354.899 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, 32.926, 354.899 by changing the saturation by 10% instead.


 46, 32.926,
354.899


 46, 32.926,
354.899


 100, 32.926,
354.899


 36, 32.926,
354.899

 66, 32.926,
354.899


 26, 32.926,
354.899

 76, 32.926,
354.899

 16, 32.926,
354.899

 86, 32.926,
354.899

 6, 32.926, 354.899

 96, 32.926,
354.899

 0, 32.926, 354.899

 46, 32.926,

 46, 32.926,

354.899

354.899

42, 39.914,
356.660

50, 25.573,
353.438

39, 46.219,
358.824

54, 18.116,
352.192

37, 51.486, 1.536

58, 10.726,
351.104

35, 55.439, 4.964

63, 3.512, 350.087

34, 58.046, 9.244


67, 3.467, 169.456

33, 59.231, 11.510

72, 10.186,
168.624

76, 16.638,
167.918

81, 22.831,
167.279

 86, 28.780,
166.693

Harmonies

Complementary

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



46, 32.926, 354.899



60, 30.153, 165.114

Rectangle

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



46, 32.926, 354.899



46, 32.926, 44.899



46, 32.926, 174.899



46, 32.926, 224.899

Sweetspot

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



46, 32.924, 354.901



75, 11.446, 350.927



44, 44.712, 314.450



38, 8.015, 351.138



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



46, 32.924, 354.901



55, 48.322, 356.667



47, 29.471, 31.114



31, 4.020, 350.526



30, 55.012, 11.016



1, 5.121, 351.031

Inverse Universe

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



46, 32.924, 354.901



55, 48.322, 356.667



59, 21.131, 208.687



31, 4.020, 350.526



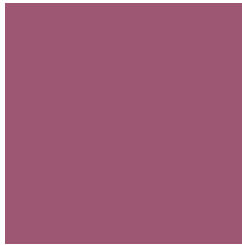
30, 55.012, 11.016



1, 5.121, 351.031

Previews

White Background



This preview shows how the CIELCh color 46, 32.926, 354.899 looks on a white background.

Color Contrast Check

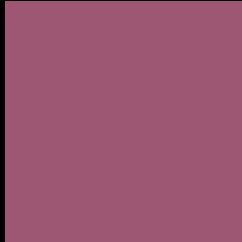
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.926, 354.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

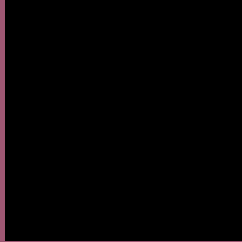
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 32.926, 354.899

Background



This preview shows how black text looks on a background with the CIELCh color 46, 32.926, 354.899.



This preview shows how white text looks on a background with the CIELCh color 46, 32.926, 354.899.

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, 32.926, 354.899

Protanopia

46, 11.314, 285.970

Deuteranopia

46, 6.431, 346.638



Tritanopia
46, 28.992, 15.600

Trichromacy



Original Color
46, 32.926, 354.899

Protanomaly
46, 16.224, 327.817

Deuteranomaly
46, 16.276, 351.117

Tritanomaly
46, 29.952, 8.202

Monochromacy



Original Color
46, 32.926, 354.899

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 12.274, 352.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 32.926, 354.899 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(158, 87, 115)` looks like.

```
.text, #text, p{  
    color:rgb(158, 87, 115)  
}
```

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(158, 87, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 87, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 32.926, 354.899 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(158, 87, 115) }
```

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

```
.border{ border-color:rgb(158, 87, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 87, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 87, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 87, 115);  
box-shadow:4px 4px 4px 4px rgb(158, 87,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 32.926, 354.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 87, 115) }
```

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

```
.background{ background-color: rgb(158, 87,  
115) }
```

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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