

Converting Colors

CIELCh(46, 34.584, 353.476)

Have a look what the booklet for
CIELCh(46, 34.584, 353.476)
contains.

CIELCh(46, 34.251, 353.042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(46, 34.251, 353.042)

Conversions

Conversions Part 1

Format	Color
Hex	9F5675
RGB	159, 86, 117
RGB Percent	62%, 34%, 46%
CMY	0.3771, 0.6633, 0.5417
CMYK	0.00, 0.46, 0.26, 0.38
HSL	335°, 30%, 48%
HSV	335°, 46%, 62%
XYZ	20.7858, 15.2687, 18.6370
YIQ	111.3610, 33.5570, 25.1170

Conversions

Conversions Part 2

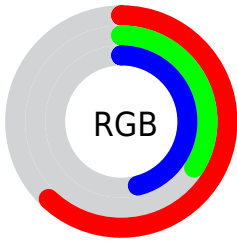
Format	Color
R_{YB}	159, 86, 117
Decimal	10442357
CIE Lab	46.00, 34.00, -4.15
CIE LCh	46, 34.251, 353.042
Yxy	15.2687, 0.3801, 0.2792
Android (android.graphics.Color)	4288632437 (0xFF9F5675)
YUV	111.3610, 2.7800, 41.7794
Hunter-Lab	39.0751, 26.5706, -0.9260

Details

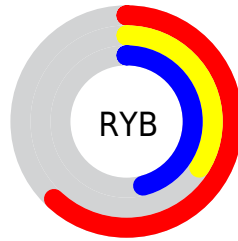
The CIELCh color $[46, 34.251, 353.042]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[60, 31.702, 163.182]$, and the grayscale version is $[47, 0.006, 296.813]$.

A 20% lighter version of the original color is $[66, 34.409, 352.693]$, and $[26, 34.155, 352.813]$ is the 20% darker color. If you saturate the color by 10%, you get $[42, 41.237, 354.750]$, and if you desaturate by 10%, it is $[50, 26.829, 351.618]$.

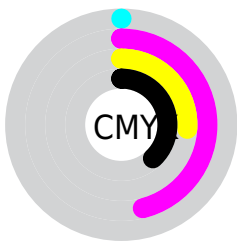
Distribution



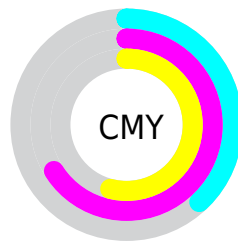
- Red (62%)
- Green (34%)
- Blue (46%)



- Red (62%)
- Yellow (34%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (26%)
- Black (38%)





- Cyan (38%)
- Magenta (66%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 34.251, 353.042 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, 34.251, 353.042 by changing the saturation by 10% instead.


 46, 34.251,
353.042


 46, 34.251,
353.042


 100, 34.251,
353.042

 36, 34.251,
353.042

 66, 34.251,
353.042


 26, 34.251,
353.042

 76, 34.251,
353.042

 16, 34.251,
353.042


 86, 34.251,
353.042

 6, 34.251, 353.042

 96, 34.251,
353.042

 0, 34.251, 353.042

 46, 34.251,

 46, 34.251,

353.042

353.042

42, 41.237,
354.750

50, 26.829,
351.618

39, 47.453,
356.843

54, 19.250,
350.400

37, 52.532,
359.461

58, 11.701,
349.332

35, 56.198, 2.769

63, 4.303, 348.344

34, 58.463, 6.889

67, 2.876, 167.719

33, 59.308, 8.632

72, 9.803, 166.872

76, 16.468,
166.167

81, 22.876,
165.527

86, 29.038,

Harmonies

Complementary

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



46, 34.251, 353.042



60, 31.702, 163.182

Rectangle

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



46, 34.251, 353.042



46, 34.251, 43.042



46, 34.251, 173.042



46, 34.251, 223.042

Sweetspot

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



46, 34.249, 353.043



75, 12.695, 349.163



44, 45.744, 313.442



39, 8.858, 349.369



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



46, 34.249, 353.043



55, 50.199, 354.770



46, 31.177, 28.722



31, 4.095, 348.671



30, 54.845, 8.132



1, 5.214, 349.238

Inverse Universe

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



46, 34.249, 353.043



55, 50.199, 354.770



60, 22.242, 204.659



31, 4.095, 348.671



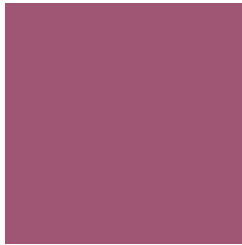
30, 54.845, 8.132



1, 5.214, 349.238

Previews

White Background



This preview shows how the CIELCh color 46, 34.251, 353.042 looks on a white background.

Color Contrast Check

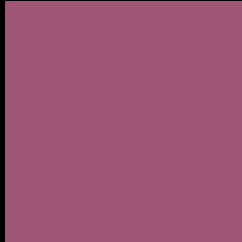
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.251, 353.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

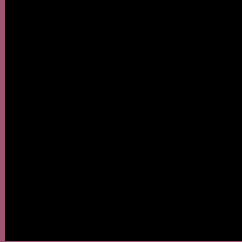
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 34.251, 353.042

Background



This preview shows how black text looks on a background with the CIELCh color 46, 34.251, 353.042.



This preview shows how white text looks on a background with the CIELCh color 46, 34.251, 353.042.

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, 29.467, 16.922

Trichromacy



Original Color
46, 34.251, 353.042

Protanomaly
46, 18.372, 324.436

Deuteranomaly
46, 16.546, 349.304

Tritanomaly
46, 30.925, 6.682

Monochromacy



Original Color
46, 34.251, 353.042

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 12.542, 349.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 34.251, 353.042 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(159, 86, 117)` looks like.

```
.text, #text, p{  
    color:rgb(159, 86, 117)  
}
```

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(159, 86, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 86, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 34.251, 353.042 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(159, 86, 117) }
```

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

```
.border{ border-color:rgb(159, 86, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 86, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 86, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 86, 117); box-shadow:4px 4px 4px 4px rgb(159, 86, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 34.251, 353.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 86, 117) }
```

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

```
.background{ background-color: rgb(159, 86,  
117) }
```

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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