

Converting Colors

CIELCh(36, 41.455, 6.802)

Have a look what the booklet for
CIELCh(36, 41.455, 6.802) contains.

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Color

CIELCh(36, 41.484, 6.910)

Conversions

Conversions Part 1

Format	Color
Hex	90344E
RGB	144, 52, 78
RGB Percent	56%, 20%, 31%
CMY	0.4338, 0.7946, 0.6928
CMYK	0.00, 0.64, 0.46, 0.43
HSL	343°, 47%, 39%
HSV	343°, 64%, 57%
XYZ	14.2017, 9.0082, 8.2598
YIQ	82.4720, 46.4860, 27.5900

Conversions

Conversions Part 2

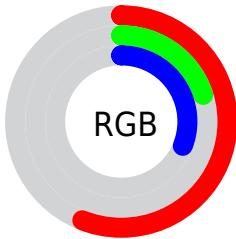
Format	Color
RYB	144, 52, 78
Decimal	9450574
CIELab	36.00, 41.18, 4.99
CIElCh	36, 41.484, 6.910
Yxy	9.0082, 0.4513, 0.2862
Android (android.graphics.Color)	4287640654 (0xFF90344E)
YUV	82.4720, -2.2047, 53.9601
Hunter-Lab	30.0136, 31.9382, 4.6928

Details

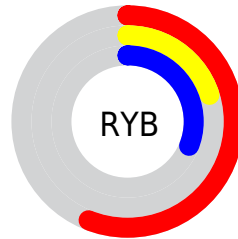
The CIELCh color **36, 41.484, 6.910** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **54, 34.133, 170.152**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 41.183, 6.982**, and **17, 39.218, 9.179** is the 20% darker color. If you saturate the color by 10%, you get **33, 47.015, 9.955**, and if you desaturate by 10%, it is **39, 35.265, 4.493**.

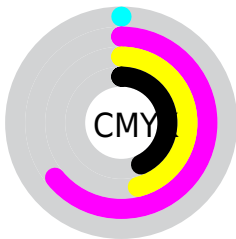
Distribution



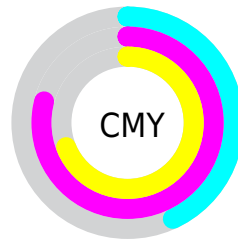
- Red (56%)
- Green (20%)
- Blue (31%)



- Red (56%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (46%)
- Black (43%)



- Cyan (43%)
- Magenta (79%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 41.484, 6.910 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 36, 41.484, 6.910 by changing the saturation by 10% instead.

 36, 41.484, 6.910  36, 41.484, 6.910

 100, 41.484, 6.910  26, 41.484, 6.910


 56, 41.484, 6.910  16, 41.484, 6.910


 66, 41.484, 6.910  6, 41.484, 6.910

 76, 41.484, 6.910  0, 41.484, 6.910

 86, 41.484, 6.910

 96, 41.484, 6.910

 36, 41.484, 6.910  36, 41.484, 6.910

 33, 47.015, 9.955  39, 35.265, 4.493

 32, 51.637, 13.775  42, 28.647, 2.548

■ 30, 55.300, 18.457

■ 46, 21.883, 0.955

■ 30, 57.516, 21.474

■ 50, 15.162,
359.622

■ 54, 8.608, 358.477

■ 58, 2.292, 357.381

■ 63, 3.753, 176.794

■ 67, 9.521, 175.973

■ 71, 15.018,
175.277

Harmonies

Complementary

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



36, 41.484, 6.910



54, 34.133, 170.152

Rectangle

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



36, 41.484, 6.910



36, 41.484, 56.910



36, 41.484, 186.910



36, 41.484, 236.910

Sweetspot

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



36, 41.482, 6.912



67, 14.981, 359.108



35, 58.693, 318.658



33, 10.326, 359.409



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



36, 41.482, 6.912



43, 59.595, 11.338



39, 38.465, 41.942



28, 3.474, 357.993



28, 54.703, 21.092



0, 2.304, 357.209

Inverse Universe

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



36, 41.482, 6.912



43, 59.595, 11.338



49, 23.703, 227.514



28, 3.474, 357.993



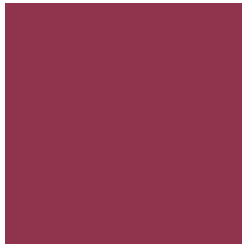
28, 54.703, 21.092



0, 2.304, 357.209

Previews

White Background



This preview shows how the CIELCh color 36, 41.484, 6.910 looks on a white background.

Color Contrast Check

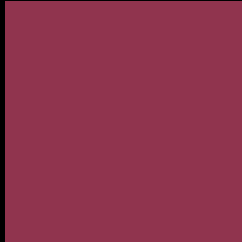
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 36, 41.484, 6.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

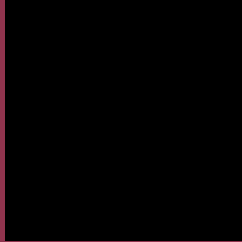
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 41.484, 6.910

Background



This preview shows how black text looks on a background with the CIELCh color 36, 41.484, 6.910.



This preview shows how white text looks on a background with the CIELCh color 36, 41.484, 6.910.

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

36, 41.484, 6.910

Protanopia

36, 7.446, 288.295

Deuteranopia

36, 8.854, 53.931



Tritanopia
36, 40.758, 24.035

Trichromacy



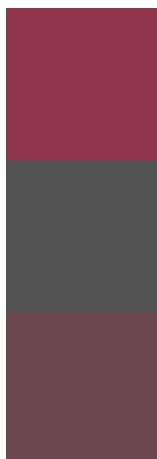
Original Color
36, 41.484, 6.910

Protanomaly
35, 17.523, 345.511

Deuteranomaly
35, 20.172, 14.153

Tritanomaly
36, 40.615, 17.743

Monochromacy



Original Color
36, 41.484, 6.910

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 15.577, 1.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 41.484, 6.910 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(144, 52, 78)` looks like.

```
.text, #text, p{  
    color:rgb(144, 52, 78)  
}
```

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(144, 52, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 52, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 41.484, 6.910 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(144, 52, 78) }
```

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

```
.border{ border-color:rgb(144, 52, 78) }
```

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

Here you see how a box with a 4 pixel rgb(144, 52, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 52, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 52, 78);  
box-shadow:4px 4px 4px 4px rgb(144, 52,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 41.484, 6.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 52, 78) }
```

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

```
.background{ background-color: rgb(144, 52,  
78) }
```

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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