

Converting Colors

CIELCh(30, 35.434, 8.987)

Have a look what the booklet for
CIELCh(30, 35.434, 8.987) contains.

CIELCh(30, 35.391, 9.882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(30, 35.391, 9.882)

Conversions

Conversions Part 1

Format	Color
Hex	792D3F
RGB	121, 45, 63
RGB Percent	47%, 18%, 25%
CMY	0.5272, 0.8250, 0.7543
CMYK	0.00, 0.63, 0.48, 0.53
HSL	346°, 46%, 32%
HSV	346°, 63%, 47%
XYZ	9.6358, 6.2359, 5.3463
YIQ	69.7760, 39.5180, 21.7100

Conversions

Conversions Part 2

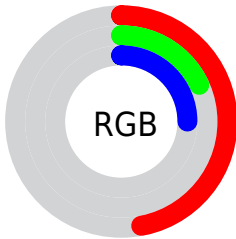
Format	Color
RYB	121, 45, 63
Decimal	7941439
CIELab	30.00, 34.87, 6.07
CIElCh	30, 35.391, 9.882
Yxy	6.2359, 0.4541, 0.2939
Android (android.graphics.Color)	4286131519 (0xFF792D3F)
YUV	69.7760, -3.3406, 44.9234
Hunter-Lab	24.9718, 25.1768, 4.7866

Details

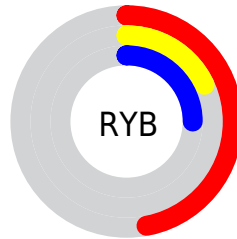
The CIELCh color **30, 35.391, 9.882** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46, 28.161, 173.894**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 35.421, 10.603**, and **11, 32.878, 13.087** is the 20% darker color. If you saturate the color by 10%, you get **28, 40.493, 12.863**, and if you desaturate by 10%, it is **33, 29.828, 7.507**.

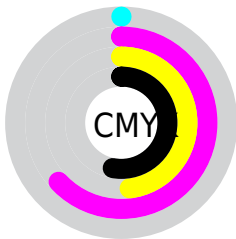
Distribution



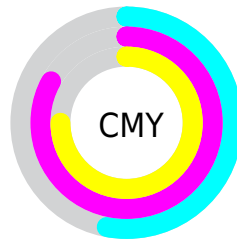
- Red (47%)
- Green (18%)
- Blue (25%)



- Red (47%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (83%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 35.391, 9.882 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 30, 35.391, 9.882 by changing the saturation by 10% instead.

 30, 35.391, 9.882  30, 35.391, 9.882

 100, 35.391, 9.882  20, 35.391, 9.882

 50, 35.391, 9.882  10, 35.391, 9.882

 60, 35.391, 9.882  0, 35.391, 9.882

 70, 35.391, 9.882

 80, 35.391, 9.882

 90, 35.391, 9.882

 30, 35.391, 9.882  30, 35.391, 9.882

 28, 40.493, 12.863  33, 29.828, 7.507

 26, 44.947, 16.581  36, 24.030, 5.593

25, 48.686, 21.090

39, 18.190, 4.028

24, 51.314, 24.200

42, 12.444, 2.722

46, 6.883, 1.601

50, 1.553, 0.484

53, 3.528, 179.978

57, 8.359, 179.192

61, 12.951,
178.525

Harmonies

Complementary

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



30, 35.391, 9.882



46, 28.161, 173.894

Rectangle

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



30, 35.391, 9.882



30, 35.391, 59.882



30, 35.391, 189.882



30, 35.391, 239.882

Sweetspot

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



30, 35.389, 9.884



56, 12.572, 2.308



29, 50.343, 319.653



28, 8.763, 2.580



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



30, 35.389, 9.884



36, 51.406, 14.558



34, 32.032, 44.557



24, 2.993, 1.193



25, 52.726, 24.432



53, 90.892, 27.702

Inverse Universe

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



30, 35.389, 9.884



36, 51.406, 14.558



40, 20.445, 232.535



24, 2.993, 1.193



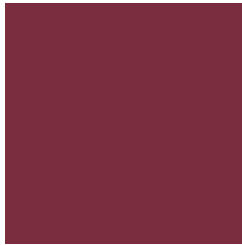
25, 52.726, 24.432



53, 90.892, 27.702

Previews

White Background



This preview shows how the CIELCh color 30, 35.391, 9.882 looks on a white background.

Color Contrast Check

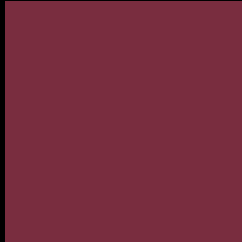
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 35.391, 9.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

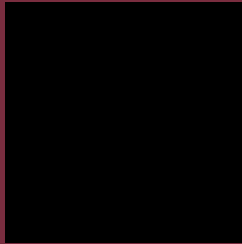
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 35.391, 9.882

Background



This preview shows how black text looks on a background with the CIELCh color 30, 35.391, 9.882.



This preview shows how white text looks on a background with the CIELCh color 30, 35.391, 9.882.

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

30, 35.391, 9.882

Protanopia

30, 3.838, 290.895

Deuteranopia

30, 9.271, 63.093



Tritanopia
30, 35.303, 24.116

Trichromacy



Original Color
30, 35.391, 9.882

Protanomaly
29, 14.307, 352.845

Deuteranomaly
30, 17.672, 22.637

Tritanomaly
30, 34.977, 18.407

Monochromacy



Original Color
30, 35.391, 9.882

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 13.526, 2.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 35.391, 9.882 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(121, 45, 63)` looks like.

```
.text, #text, p{  
    color:rgb(121, 45, 63)  
}
```

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(121, 45, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 45, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 35.391, 9.882 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(121, 45, 63) }
```

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

```
.border{ border-color:rgb(121, 45, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 45, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 45, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 45, 63);  
box-shadow:4px 4px 4px 4px rgb(121, 45,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 35.391, 9.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 45, 63) }
```

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

```
.background{ background-color: rgb(121, 45,  
63) }
```

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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