

Converting Colors

CIELCh(32, 35.628, 356.105)

Have a look what the booklet for
CIELCh(32, 35.628, 356.105)
contains.

CIELCh(32, 35.509, 356.565)	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(32, 35.509, 356.565)

Conversions

Conversions Part 1

Format	Color
Hex	7C3250
RGB	124, 50, 80
RGB Percent	49%, 20%, 31%
CMY	0.5152, 0.8052, 0.6875
CMYK	0.00, 0.60, 0.36, 0.52
HSL	336°, 43%, 34%
HSV	336°, 60%, 48%
XYZ	10.8221, 7.0852, 8.3249
YIQ	75.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

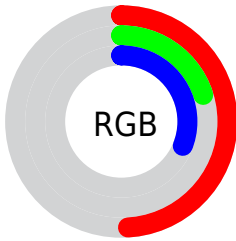
Format	Color
R_{YB}	124, 50, 80
Decimal	8139344
CIE Lab	32.00, 35.45, -2.13
CIE LCh	32, 35.509, 356.565
Yxy	7.0852, 0.4126, 0.2701
Android (android.graphics.Color)	4286329424 (0xFF7C3250)
YUV	75.5460, 2.1958, 42.4942
Hunter-Lab	26.6180, 25.9918, 0.0892

Details

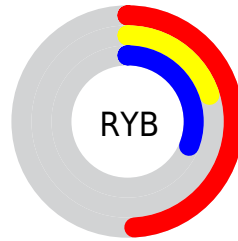
The CIELCh color **32, 35.509, 356.565** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47, 32.114, 162.545**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 35.414, 356.698**, and **13, 34.442, 357.359** is the 20% darker color. If you saturate the color by 10%, you get **30, 40.396, 358.802**, and if you desaturate by 10%, it is **35, 29.953, 354.751**.

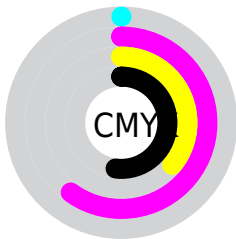
Distribution



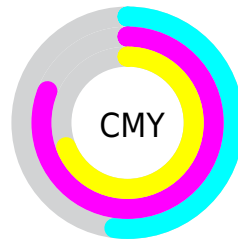
- Red (49%)
- Green (20%)
- Blue (31%)



- Red (49%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (52%)





- Cyan (52%)
- Magenta (81%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 35.509, 356.565 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 32, 35.509, 356.565 by changing the saturation by 10% instead.


 32, 35.509,
356.565


 32, 35.509,
356.565

 100, 35.509,
356.565


 22, 35.509,
356.565

 52, 35.509,
356.565


 12, 35.509,
356.565


 62, 35.509,
356.565

 2, 35.509, 356.565

 72, 35.509,
356.565

 0, 35.509, 356.565

 82, 35.509,
356.565

 92, 35.509,
356.565

32, 35.509,
356.565

32, 35.509,
356.565

30, 40.396,
358.802

35, 29.953,
354.751

28, 44.349, 1.598

38, 24.007,
353.245

26, 47.189, 5.113

41, 17.892,
351.966

25, 49.409, 9.097

25, 49.451, 9.164

45, 11.773,
350.855

48, 5.755, 349.860

52, 0.096, 172.260

56, 5.749, 168.326

59, 11.192,
167.593

■ 63, 16.424,
166.937

Harmonies

Complementary

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



32, 35.509, 356.565



47, 32.114, 162.545

Rectangle

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



32, 35.509, 356.565



32, 35.509, 46.565



32, 35.509, 176.565



32, 35.509, 226.565

Sweetspot

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



32, 35.507, 356.566



58, 13.219, 350.711



29, 48.479, 314.463



29, 9.286, 350.969



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



32, 35.507, 356.566



38, 50.892, 359.818



32, 34.037, 31.800



24, 3.268, 349.785



26, 49.831, 9.224



54, 84.254, 12.223

Inverse Universe

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



32, 35.507, 356.566



38, 50.892, 359.818



46, 21.647, 207.040



24, 3.268, 349.785



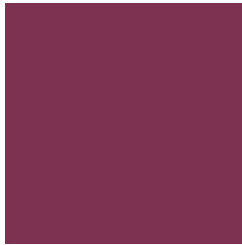
26, 49.831, 9.224



54, 84.254, 12.223

Previews

White Background



This preview shows how the CIELCh color 32, 35.509, 356.565 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 32, 35.509, 356.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

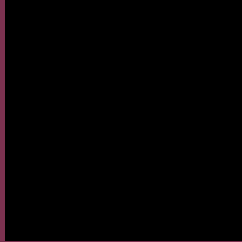
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 35.509, 356.565

Background



This preview shows how black text looks on a background with the CIELCh color 32, 35.509, 356.565.



This preview shows how white text looks on a background with the CIELCh color 32, 35.509, 356.565.

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

32, 35.509, 356.565

Protanopia

32, 13.340, 285.875

Deuteranopia

32, 4.170, 2.446



Tritanopia
32, 32.312, 21.630

Trichromacy



Original Color
32, 35.509, 356.565

Protanomaly
31, 18.201, 325.776

Deuteranomaly
32, 16.385, 355.087

Tritanomaly
32, 33.022, 11.673

Monochromacy



Original Color
32, 35.509, 356.565

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 13.769, 351.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 35.509, 356.565 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(124, 50, 80)` looks like.

```
.text, #text, p{  
    color:rgb(124, 50, 80)  
}
```

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(124, 50, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 50, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 35.509, 356.565 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(124, 50, 80) }
```

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

```
.border{ border-color:rgb(124, 50, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 50, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 50, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 50, 80);  
box-shadow:4px 4px 4px 4px rgb(124, 50,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 35.509, 356.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 50, 80) }
```

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

```
.background{ background-color: rgb(124, 50,  
80) }
```

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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