

Converting Colors

CIELCh(32, 62.943, 336.232)

Have a look what the booklet for
CIELCh(32, 62.943, 336.232)
contains.

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Color

CIELCh(32, 62.911, 336.390)

Conversions

Conversions Part 1

Format	Color
Hex	8C0C74
RGB	140, 12, 116
RGB Percent	55%, 5%, 45%
CMY	0.4513, 0.9536, 0.5454
CMYK	0.00, 0.92, 0.17, 0.45
HSL	311°, 84%, 30%
HSV	311°, 92%, 55%
XYZ	14.0770, 7.0852, 17.1237
YIQ	62.1280, 42.9040, 59.4800

Conversions

Conversions Part 2

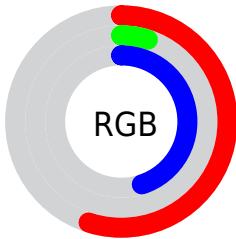
Format	Color
RYB	140, 12, 116
Decimal	9178228
CIELab	32.00, 57.64, -25.20
CIElCh	32, 62.911, 336.390
Yxy	7.0852, 0.3677, 0.1851
Android (android.graphics.Color)	4287368308 (0xFF8C0C74)
YUV	62.1280, 26.5589, 68.2937
Hunter-Lab	26.6180, 47.8188, -19.5096

Details

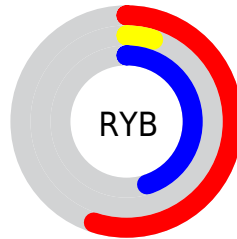
The CIELCh color **32, 62.911, 336.390** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **51, 68.584, 139.835**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 62.864, 336.528**, and **17, 44.633, 337.888** is the 20% darker color. If you saturate the color by 10%, you get **31, 64.117, 337.149**, and if you desaturate by 10%, it is **33, 60.416, 335.545**.

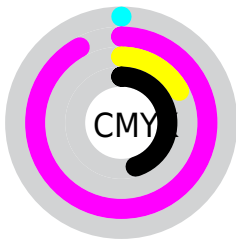
Distribution



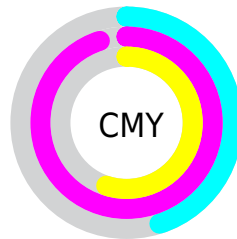
- Red (55%)
- Green (5%)
- Blue (45%)



- Red (55%)
- Yellow (5%)
- Blue (45%)



- Cyan (0%)
- Magenta (92%)
- Yellow (17%)
- Black (45%)





- Cyan (45%)
- Magenta (95%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 62.911, 336.390 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, 62.911, 336.390 by changing the saturation by 10% instead.


 32, 62.911,
336.390


 32, 62.911,
336.390


 100, 62.911,
336.390


 22, 62.911,
336.390

 52, 62.911,
336.390


 12, 62.911,
336.390


 62, 62.911,
336.390

 2, 62.911, 336.390

 72, 62.911,
336.390

 0, 62.911, 336.390

 82, 62.911,
336.390

 92, 62.911,
336.390

■ 32, 62.911,
336.390

■ 32, 62.911,
336.390

■ 31, 64.117,
337.149

■ 33, 60.416,
335.545

■ 35, 56.171,
334.775

■ 37, 50.382,
334.051

■ 40, 43.387,
333.357

■ 43, 35.548,
332.684

■ 46, 27.195,
332.026

■ 50, 18.588,
331.385

■ 54, 9.920, 330.755

Harmonies

Complementary

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



32, 62.911, 336.390



51, 68.584, 139.835

Rectangle

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



32, 62.911, 336.390



32, 62.911, 26.390



32, 62.911, 156.390



32, 62.911, 206.390

Sweetspot

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



32, 62.909, 336.390



61, 28.754, 331.769



18, 79.666, 306.741



30, 19.515, 331.961



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



32, 62.909, 336.390



41, 77.267, 337.378



30, 52.741, 14.204



27, 4.778, 330.603



29, 61.711, 337.095



0, 2.204, 330.086

Inverse Universe

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



32, 62.909, 336.390



41, 77.267, 337.378



52, 43.651, 162.767



27, 4.778, 330.603



29, 61.711, 337.095



0, 2.204, 330.086

Previews

White Background



This preview shows how the CIELCh color 32, 62.911, 336.390 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 32, 62.911, 336.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

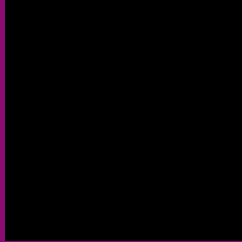
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 62.911, 336.390

Background



This preview shows how black text looks on a background with the CIELCh color 32, 62.911, 336.390.

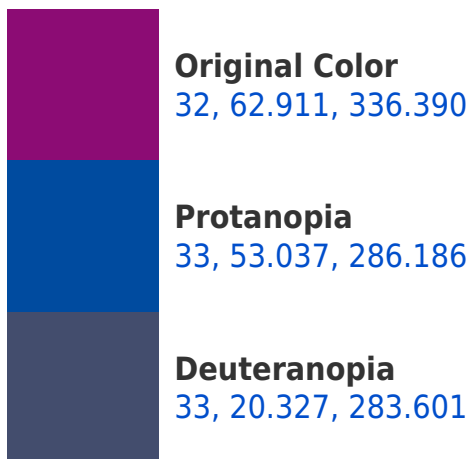


This preview shows how white text looks on a background with the CIELCh color 32, 62.911, 336.390.

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
33, 41.863, 26.666

Trichromacy



Original Color
32, 62.911, 336.390

Protanomaly
27, 58.342, 299.812

Deuteranomaly
30, 39.962, 317.653

Tritanomaly
31, 45.689, 2.201

Monochromacy



Original Color
32, 62.911, 336.390

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 30.377, 332.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 62.911, 336.390 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(140, 12, 116)` looks like.

```
.text, #text, p{  
    color:rgb(140, 12, 116)  
}
```

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(140, 12, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 12, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 62.911, 336.390 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(140, 12, 116) }
```

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

```
.border{ border-color:rgb(140, 12, 116) }
```

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

Here you see how a box with a 4 pixel rgb(140, 12, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 12, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 12, 116);  
box-shadow:4px 4px 4px 4px rgb(140, 12,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 62.911, 336.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 12, 116) }
```

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

```
.background{ background-color: rgb(140, 12,  
116) }
```

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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