

Converting Colors

CIELCh(32, 56.740, 329.288)

Have a look what the booklet for
CIELCh(32, 56.740, 329.288)
contains.

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Color

CIELCh(32, 56.909, 329.183)

Conversions

Conversions Part 1

Format	Color
Hex	7E247A
RGB	126, 36, 122
RGB Percent	49%, 14%, 48%
CMY	0.5063, 0.8592, 0.5220
CMYK	0.00, 0.71, 0.03, 0.51
HSL	303°, 56%, 32%
HSV	303°, 71%, 49%
XYZ	12.7227, 7.0852, 19.0771
YIQ	72.7140, 26.0340, 45.8260

Conversions

Conversions Part 2

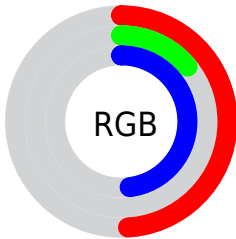
Format	Color
R_{YB}	126, 36, 122
Decimal	8266874
CIE _{Lab}	32.00, 48.87, -29.15
CIE _{LCh}	32, 56.909, 329.183
Yxy	7.0852, 0.3272, 0.1822
Android (android.graphics.Color)	4286456954 (0xFF7E247A)
YUV	72.7140, 24.2980, 46.7318
Hunter-Lab	26.6180, 38.7370, -23.8605

Details

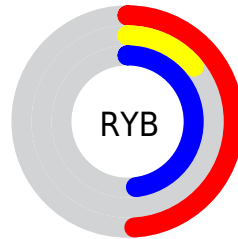
The CIELCh color **32, 56.909, 329.183** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **46, 58.181, 139.242**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 56.680, 329.035**, and **15, 46.851, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **30, 61.471, 329.523**, and if you desaturate by 10%, it is **34, 50.924, 328.786**.

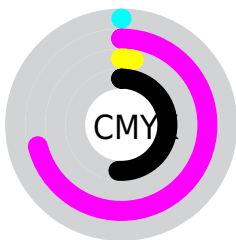
Distribution



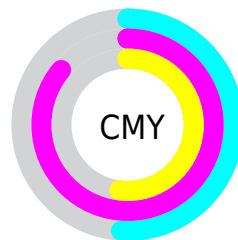
- Red (49%)
- Green (14%)
- Blue (48%)



- Red (49%)
- Yellow (14%)
- Blue (48%)



- Cyan (0%)
- Magenta (71%)
- Yellow (3%)
- Black (51%)





- Cyan (51%)
- Magenta (86%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 56.909, 329.183 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, 56.909, 329.183 by changing the saturation by 10% instead.


 32, 56.909,
329.183


 32, 56.909,
329.183

 100, 56.909,
329.183


 22, 56.909,
329.183

 52, 56.909,
329.183


 12, 56.909,
329.183


 62, 56.909,
329.183

 2, 56.909, 329.183

 72, 56.909,
329.183

 0, 56.909, 329.183

 82, 56.909,
329.183

 92, 56.909,
329.183

■ 32, 56.909,
329.183

■ 32, 56.909,
329.183

■ 30, 61.471,
329.523

■ 34, 50.924,
328.786

■ 30, 64.439,
329.804

■ 36, 43.810,
328.338

■ 29, 66.234,
330.017

■ 39, 35.888,
327.848

■ 42, 27.458,
327.330

■ 45, 18.767,
326.794

■ 49, 10.001,
326.246

■ 52, 1.294, 325.583

■ 56, 7.269, 145.232

■ 59, 15.632,
144.710

Harmonies

Complementary

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



32, 56.909, 329.183



46, 58.181, 139.242

Rectangle

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



32, 56.909, 329.183



32, 56.909, 19.183



32, 56.909, 149.183



32, 56.909, 199.183

Sweetspot

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



32, 56.907, 329.183



58, 22.675, 326.794



21, 59.398, 302.033



29, 15.272, 326.914



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, 56.907, 329.183



39, 76.828, 329.713



30, 42.529, 354.756



25, 4.950, 326.113



29, 66.839, 330.019



0, 0.000, 0.000

Inverse Universe

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



32, 56.907, 329.183



39, 76.828, 329.713



47, 39.829, 157.191



25, 4.950, 326.113



29, 66.839, 330.019



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 32, 56.909, 329.183 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, 56.909, 329.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

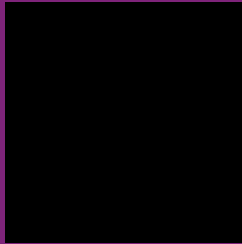
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 56.909, 329.183

Background



This preview shows how black text looks on a background with the CIELCh color 32, 56.909, 329.183.



This preview shows how white text looks on a background with the CIELCh color 32, 56.909, 329.183.

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
32, 29.330, 20.386

Trichromacy



Original Color
32, 56.909, 329.183

Protanomaly
29, 53.531, 296.109

Deuteranomaly
31, 37.108, 307.856

Tritanomaly
32, 35.974, 352.428

Monochromacy



Original Color
32, 56.909, 329.183

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 23.610, 327.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 56.909, 329.183 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(126, 36, 122)` looks like.

```
.text, #text, p{  
    color:rgb(126, 36, 122)  
}
```

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(126, 36, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 36, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 56.909, 329.183 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(126, 36, 122) }
```

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

```
.border{ border-color:rgb(126, 36, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 36, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 36, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 36, 122); box-shadow:4px 4px 4px 4px rgb(126, 36, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 56.909, 329.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 36, 122) }
```

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

```
.background{ background-color: rgb(126, 36,  
122) }
```

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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