

Converting Colors

CIELCh(32, 53.008, 334.173)

Have a look what the booklet for
CIELCh(32, 53.008, 334.173)
contains.

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Color

CIELCh(32, 53.008, 334.173)

Conversions

Conversions Part 1

Format	Color
Hex	802470
RGB	128, 36, 112
RGB Percent	50%, 14%, 44%
CMY	0.4965, 0.8572, 0.5593
CMYK	0.00, 0.72, 0.12, 0.50
HSL	310°, 56%, 32%
HSV	310°, 72%, 50%
XYZ	12.5503, 7.0852, 16.1423
YIQ	72.1720, 30.4360, 43.1400

Conversions

Conversions Part 2

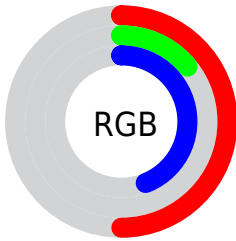
Format	Color
RYB	128, 36, 112
Decimal	8397936
CIELab	32.00, 47.71, -23.09
CIELCh	32, 53.008, 334.173
Yxy	7.0852, 0.3508, 0.1980
Android (android.graphics.Color)	4286588016 (0xFF802470)
YUV	72.1720, 19.6352, 48.9612
Hunter-Lab	26.6180, 37.5807, -17.3235

Details

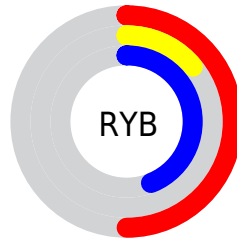
The CIELCh color **32, 53.008, 334.173** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 54.536, 142.620**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 53.182, 334.011**, and **15, 42.993, 334.344** is the 20% darker color. If you saturate the color by 10%, you get **30, 57.092, 334.888**, and if you desaturate by 10%, it is **34, 47.503, 333.492**.

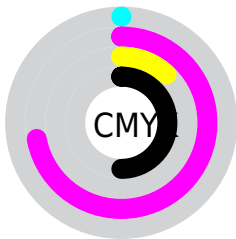
Distribution



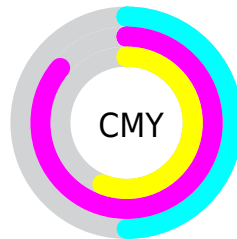
- Red (50%)
- Green (14%)
- Blue (44%)



- Red (50%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (72%)
- Yellow (12%)
- Black (50%)





- Cyan (50%)
- Magenta (86%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 53.008, 334.173 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, 53.008, 334.173 by changing the saturation by 10% instead.


 32, 53.008,
334.173


 32, 53.008,
334.173

 100, 53.008,
334.173


 22, 53.008,
334.173

 52, 53.008,
334.173


 12, 53.008,
334.173


 62, 53.008,
334.173

 2, 53.008, 334.173

 72, 53.008,
334.173

 0, 53.008, 334.173

 82, 53.008,
334.173

 92, 53.008,
334.173

■ 32, 53.008,
334.173

■ 32, 53.008,
334.173

■ 30, 57.092,
334.888

■ 34, 47.503,
333.492

■ 29, 59.559,
335.659

■ 37, 40.892,
332.831

■ 29, 60.897,
336.330

■ 40, 33.506,
332.183

■ 43, 25.646,
331.546

■ 46, 17.552,
330.921

■ 50, 9.400, 330.305

■ 53, 1.313, 329.576

■ 57, 6.630, 149.210

■ 61, 14.384,
148.652

Harmonies

Complementary

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



32, 53.008, 334.173



47, 54.536, 142.620

Rectangle

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



32, 53.008, 334.173



32, 53.008, 24.173



32, 53.008, 154.173



32, 53.008, 204.173

Sweetspot

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



32, 53.006, 334.173



59, 20.995, 330.911



22, 60.044, 304.442



30, 14.326, 331.053



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



32, 53.006, 334.173



39, 70.898, 335.367



30, 41.890, 4.941



25, 4.522, 330.147



28, 60.596, 336.324



0, 0.000, 0.000

Inverse Universe

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



32, 53.006, 334.173



39, 70.898, 335.367



48, 35.591, 165.337



25, 4.522, 330.147



28, 60.596, 336.324



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 32, 53.008, 334.173 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, 53.008, 334.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

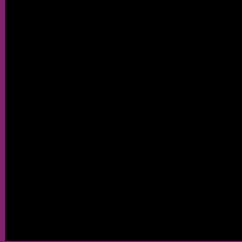
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 53.008, 334.173

Background



This preview shows how black text looks on a background with the CIELCh color 32, 53.008, 334.173.



This preview shows how white text looks on a background with the CIELCh color 32, 53.008, 334.173.

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, 53.008, 334.173

Protanopia

33, 44.921, 286.651

Deuteranopia

33, 19.756, 283.186



Tritanopia
32, 32.772, 21.786

Trichromacy



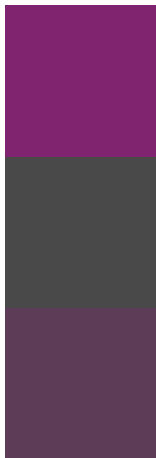
Original Color
32, 53.008, 334.173

Protanomaly
30, 46.596, 301.805

Deuteranomaly
31, 31.511, 313.490

Tritanomaly
32, 36.565, 358.102

Monochromacy



Original Color
32, 53.008, 334.173

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 21.924, 331.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 53.008, 334.173 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(128, 36, 112)` looks like.

```
.text, #text, p{  
  color:rgb(128, 36, 112)  
}
```

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(128, 36, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 36, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 53.008, 334.173 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(128, 36, 112) }
```

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

```
.border{ border-color:rgb(128, 36, 112) }
```

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

Here you see how a box with a 4 pixel rgb(128, 36, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 36, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 36, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 36,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 53.008, 334.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 36, 112) }
```

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

```
.background{ background-color: rgb(128, 36,  
112) }
```

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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