

Converting Colors

CIELCh(32, 32.945, 328.666)

Have a look what the booklet for
CIELCh(32, 32.945, 328.666)
contains.

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Color

CIELCh(32, 33.464, 328.553)

Conversions

Conversions Part 1

Format	Color
Hex	6A3A67
RGB	106, 58, 103
RGB Percent	42%, 23%, 40%
CMY	0.5840, 0.7722, 0.5957
CMYK	0.00, 0.45, 0.03, 0.58
HSL	304°, 29%, 32%
HSV	304°, 45%, 42%
XYZ	9.9243, 7.0852, 13.6992
YIQ	77.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

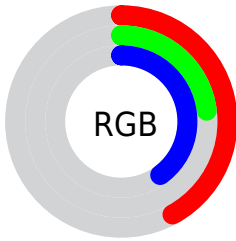
Format	Color
R _Y B	106, 58, 103
Decimal	6961767
CIE Lab	32.00, 28.55, -17.46
CIE LCh	32, 33.464, 328.553
Yxy	7.0852, 0.3232, 0.2307
Android (android.graphics.Color)	4285151847 (0xFF6A3A67)
YUV	77.4820, 12.5804, 25.0103
Hunter-Lab	26.6180, 19.9708, -11.8816

Details

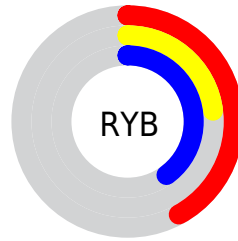
The CIELCh color **32, 33.464, 328.553** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41, 33.556, 142.793**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 33.097, 328.433**, and **12, 33.744, 328.444** is the 20% darker color. If you saturate the color by 10%, you get **30, 40.095, 329.043**, and if you desaturate by 10%, it is **35, 26.332, 328.037**.

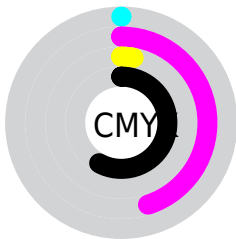
Distribution



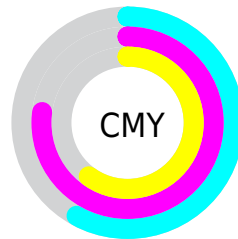
- Red (42%)
- Green (23%)
- Blue (40%)



- Red (42%)
- Yellow (23%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (58%)





- Cyan (58%)
- Magenta (77%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 33.464, 328.553 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, 33.464, 328.553 by changing the saturation by 10% instead.


 32, 33.464,
328.553


 32, 33.464,
328.553

 100, 33.464,
328.553


 22, 33.464,
328.553

 52, 33.464,
328.553


 12, 33.464,
328.553


 62, 33.464,
328.553

 2, 33.464, 328.553

 72, 33.464,
328.553

 0, 33.464, 328.553

 82, 33.464,
328.553

 92, 33.464,
328.553

■ 32, 33.464,
328.553

■ 32, 33.464,
328.553

■ 30, 40.095,
329.043

■ 35, 26.332,
328.037

■ 28, 45.970,
329.497

■ 37, 18.923,
327.505

■ 26, 50.817,
329.908

■ 40, 11.406,
326.963

■ 25, 54.409,
330.273

■ 43, 3.906, 326.401

■ 24, 56.791,
330.599

■ 46, 3.494, 145.970

■ 24, 57.867,
330.748

■ 49, 10.740,
145.428

■ 53, 17.802,
144.931

■ 56, 24.663,
144.459

■ 59, 31.320,
144.012

Harmonies

Complementary

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



32, 33.464, 328.553



41, 33.556, 142.793

Rectangle

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



32, 33.464, 328.553



32, 33.464, 18.553



32, 33.464, 148.553



32, 33.464, 198.553

Sweetspot

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



32, 33.462, 328.553



52, 12.967, 326.916



27, 31.285, 297.442



26, 8.891, 327.003



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



32, 33.462, 328.553



39, 48.515, 329.054



31, 24.555, 351.048



21, 4.223, 326.617



27, 62.115, 330.778



57, 106.590, 330.939

Inverse Universe

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



32, 33.462, 328.553



39, 48.515, 329.054



41, 23.010, 162.055



21, 4.223, 326.617



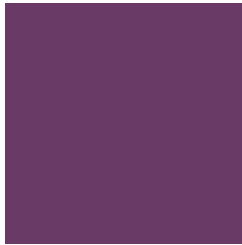
27, 62.115, 330.778



57, 106.590, 330.939

Previews

White Background



This preview shows how the CIELCh color 32, 33.464, 328.553 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, 33.464, 328.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

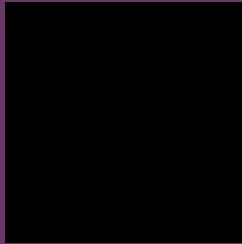
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 33.464, 328.553

Background



This preview shows how black text looks on a background with the CIELCh color 32, 33.464, 328.553.



This preview shows how white text looks on a background with the CIELCh color 32, 33.464, 328.553.

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, 33.464, 328.553

Protanopia

32, 26.721, 285.568

Deuteranopia

32, 15.872, 286.143



Tritanopia
32, 17.234, 12.131

Trichromacy



Original Color
32, 33.464, 328.553

Protanomaly
31, 27.603, 301.484

Deuteranomaly
32, 21.110, 308.431

Tritanomaly
32, 21.546, 348.020

Monochromacy



Original Color
32, 33.464, 328.553

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 12.431, 327.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 33.464, 328.553 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(106, 58, 103)` looks like.

```
.text, #text, p{  
    color:rgb(106, 58, 103)  
}
```

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(106, 58, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 58, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 33.464, 328.553 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(106, 58, 103) }
```

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

```
.border{ border-color:rgb(106, 58, 103) }
```

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

Here you see how a box with a 4 pixel rgb(106, 58, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 58, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 58, 103);  
box-shadow:4px 4px 4px 4px rgb(106, 58,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 33.464, 328.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 58, 103) }
```

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

```
.background{ background-color: rgb(106, 58,  
103) }
```

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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