

Converting Colors

CIELCh(32, 25.252, 345.051)

Have a look what the booklet for
CIELCh(32, 25.252, 345.051)
contains.

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Color

CIELCh(32, 25.429, 344.762)

Conversions

Conversions Part 1

Format	Color
Hex	6B3C56
RGB	107, 60, 86
RGB Percent	42%, 24%, 34%
CMY	0.5791, 0.7635, 0.6616
CMYK	0.00, 0.44, 0.20, 0.58
HSL	327°, 28%, 33%
HSV	327°, 44%, 42%
XYZ	9.4253, 7.0852, 9.7386
YIQ	77.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

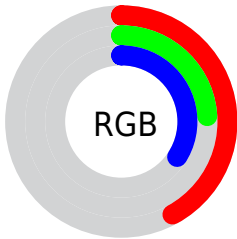
Format	Color
R_{YB}	107, 60, 86
Decimal	7027798
CIE Lab	32.00, 24.53, -6.68
CIE LCh	32, 25.429, 344.762
Yxy	7.0852, 0.3591, 0.2699
Android (android.graphics.Color)	4285217878 (0xFF6B3C56)
YUV	77.0170, 4.4286, 26.2951
Hunter-Lab	26.6180, 16.6247, -3.0596

Details

The CIELCh color $[32, 25.429, 344.762]$ is a dark color, and the websafe version is hex $\#663366$. A complement of this color would be $[41, 24.545, 156.904]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[52, 25.374, 344.928]$, and $[12, 25.297, 344.795]$ is the 20% darker color. If you saturate the color by 10%, you get $[29, 30.850, 345.959]$, and if you desaturate by 10%, it is $[35, 19.693, 343.715]$.

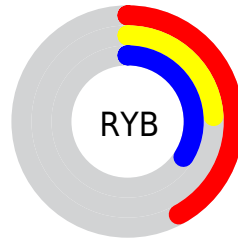
Distribution



Red (42%)

Green (24%)

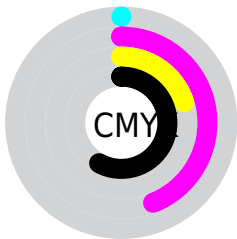
Blue (34%)



Red (42%)

Yellow (24%)

Blue (34%)

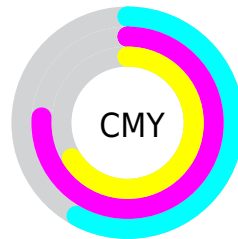


Cyan (0%)

Magenta (44%)

Yellow (20%)

Black (58%)



Cyan (58%)


Magenta (76%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 25.429, 344.762 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, 25.429, 344.762 by changing the saturation by 10% instead.


 32, 25.429,
344.762


 32, 25.429,
344.762

 100, 25.429,
344.762


 22, 25.429,
344.762

 52, 25.429,
344.762


 12, 25.429,
344.762


 62, 25.429,
344.762

 2, 25.429, 344.762

 72, 25.429,
344.762

 0, 25.429, 344.762

 82, 25.429,
344.762

 92, 25.429,
344.762

■ 32, 25.429,
344.762

■ 32, 25.429,
344.762

■ 29, 30.850,
345.959

■ 35, 19.693,
343.715

■ 27, 35.729,
347.354

■ 38, 13.829,
342.778

■ 25, 39.797,
349.022

■ 41, 7.963, 341.922

■ 44, 2.179, 341.069

■ 24, 42.802,
351.062

■ 47, 3.473, 160.543

■ 22, 44.664,
353.555

■ 51, 8.964, 159.843

■ 22, 45.744,
355.116

■ 54, 14.283,
159.222

■ 57, 19.429,
158.647

■ 61, 24.407,

Harmonies

Complementary

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



32, 25.429, 344.762



41, 24.545, 156.904

Rectangle

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



32, 25.429, 344.762



32, 25.429, 34.762



32, 25.429, 164.762



32, 25.429, 214.762

Sweetspot

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



32, 25.427, 344.763



53, 9.328, 341.884



30, 31.108, 309.020



27, 6.589, 342.030



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



32, 25.427, 344.763



39, 37.798, 346.044



31, 22.191, 18.569



21, 3.218, 341.522



24, 48.653, 355.492



53, 83.020, 357.783

Inverse Universe

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



32, 25.427, 344.763



39, 37.798, 346.044



42, 17.183, 191.012



21, 3.218, 341.522



24, 48.653, 355.492



53, 83.020, 357.783

Previews

White Background



This preview shows how the CIELCh color 32, 25.429, 344.762 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, 25.429, 344.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

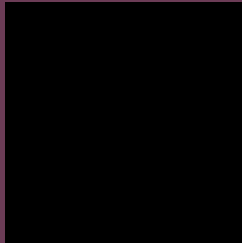
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 25.429, 344.762

Background



This preview shows how black text looks on a background with the CIELCh color 32, 25.429, 344.762.



This preview shows how white text looks on a background with the CIELCh color 32, 25.429, 344.762.

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, 25.429, 344.762

Protanopia

32, 13.380, 284.267

Deuteranopia

32, 6.706, 309.549



Tritanopia
32, 19.129, 15.442

Trichromacy



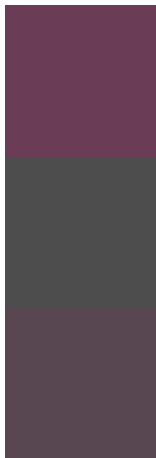
Original Color
32, 25.429, 344.762

Protanomaly
32, 15.150, 314.628

Deuteranomaly
32, 13.244, 331.828

Tritanomaly
32, 20.532, 2.025

Monochromacy



Original Color
32, 25.429, 344.762

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 9.344, 343.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 25.429, 344.762 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(107, 60, 86)` looks like.

```
.text, #text, p{  
    color:rgb(107, 60, 86)  
}
```

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(107, 60, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 60, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 25.429, 344.762 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(107, 60, 86) }
```

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

```
.border{ border-color:rgb(107, 60, 86) }
```

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

Here you see how a box with a 4 pixel rgb(107, 60, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 60, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 60, 86);  
box-shadow:4px 4px 4px 4px rgb(107, 60,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 25.429, 344.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 60, 86) }
```

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

```
.background{ background-color: rgb(107, 60,  
86) }
```

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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