

Converting Colors

CIELCh(32, 11.973, 323.602)

Have a look what the booklet for
CIELCh(32, 11.973, 323.602)
contains.

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Color

CIELCh(32, 11.973, 323.602)

Conversions

Conversions Part 1

Format	Color
Hex	564757
RGB	86, 71, 87
RGB Percent	34%, 28%, 34%
CMY	0.6646, 0.7233, 0.6607
CMYK	0.01, 0.18, 0.00, 0.66
HSL	296°, 10%, 31%
HSV	296°, 18%, 34%
XYZ	7.7198, 7.0852, 9.8768
YIQ	77.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

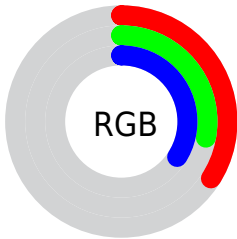
Format	Color
R_{YB}	86, 71, 87
Decimal	5654359
CIE Lab	32.00, 9.64, -7.10
CIE LCh	32, 11.973, 323.602
Yxy	7.0852, 0.3128, 0.2871
Android (android.graphics.Color)	4283844439 (0xFF564757)
YUV	77.3090, 4.7777, 7.6220
Hunter-Lab	26.6180, 5.1874, -3.3675

Details

The CIELCh color $[32, 11.973, 323.602]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[35, 11.937, 141.790]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[52, 12.429, 323.582]$, and $[12, 11.782, 323.836]$ is the 20% darker color. If you saturate the color by 10%, you get $[30, 18.487, 324.066]$, and if you desaturate by 10%, it is $[35, 5.462, 323.123]$.

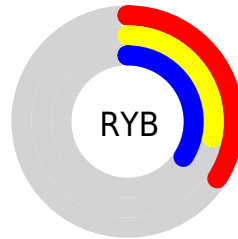
Distribution



Red (34%)

Green (28%)

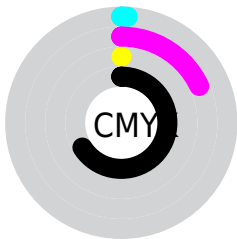
Blue (34%)



Red (34%)

Yellow (28%)

Blue (34%)

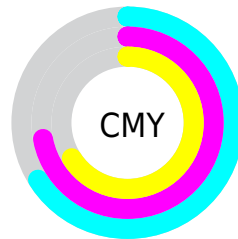


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (66%)



Cyan (66%)


Magenta (72%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 11.973, 323.602 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, 11.973, 323.602 by changing the saturation by 10% instead.


 32, 11.973,
323.602


 32, 11.973,
323.602

 100, 11.973,
323.602


 22, 11.973,
323.602

 52, 11.973,
323.602


 12, 11.973,
323.602


 62, 11.973,
323.602

 2, 11.973, 323.602

 72, 11.973,
323.602

 0, 11.973, 323.602

 82, 11.973,
323.602

 92, 11.973,
323.602

■ 32, 11.973,
323.602

■ 32, 11.973,
323.602

■ 30, 18.487,
324.066

■ 35, 5.462, 323.123

■ 37, 0.972, 142.822

■ 27, 24.906,
324.511

■ 40, 7.284, 142.252

■ 25, 31.089,
324.922

■ 43, 13.447,
141.809

■ 23, 36.855,
325.283

■ 45, 19.446,
141.391

■ 21, 41.994,
325.576

■ 48, 25.275,
140.996

■ 20, 46.282,
325.782

■ 51, 30.934,
140.624

■ 19, 49.526,
325.885

■ 54, 36.427,
140.277

■ 18, 52.314,

325.950

■ 56, 41.759,
139.953

■ 18, 52.760,
325.963

Harmonies

Complementary

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



32, 11.973, 323.602



35, 11.937, 141.790

Rectangle

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



32, 11.973, 323.602



32, 11.973, 13.602



32, 11.973, 143.602



32, 11.973, 193.602

Sweetspot

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



32, 11.972, 323.602



45, 4.787, 323.008



31, 9.520, 289.315



22, 3.141, 323.024



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 11.972, 323.602



40, 17.690, 323.801



32, 9.026, 341.573



16, 3.615, 323.138



23, 61.238, 325.901



53, 108.892, 325.747

Inverse Universe

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



32, 7.250, 15.589



40, 10.845, 16.002



35, 8.889, 158.852



16, 2.132, 14.737



21, 51.266, 34.072



49, 95.695, 38.082

Previews

White Background



This preview shows how the CIELCh color 32, 11.973, 323.602 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, 11.973, 323.602 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, 11.973, 323.602

Background



This preview shows how black text looks on a background with the CIELCh color 32, 11.973, 323.602.



This preview shows how white text looks on a background with the CIELCh color 32, 11.973, 323.602.

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, 11.973, 323.602

Protanopia

32, 8.923, 283.992

Deuteranopia

32, 8.544, 305.671



Tritanopia
32, 6.491, 344.728

Trichromacy



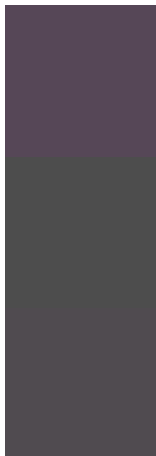
Original Color
32, 11.973, 323.602

Protanomaly
32, 9.695, 301.573

Deuteranomaly
32, 9.695, 314.516

Tritanomaly
32, 8.778, 334.724

Monochromacy



Original Color
32, 11.973, 323.602

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 3.846, 324.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 11.973, 323.602 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(86, 71, 87)` looks like.

```
.text, #text, p{  
    color:rgb(86, 71, 87)  
}
```

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(86, 71, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 71, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 11.973, 323.602 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(86, 71, 87) }
```

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

```
.border{ border-color:rgb(86, 71, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 71, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 71, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 71, 87);  
box-shadow:4px 4px 4px 4px rgb(86, 71, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 11.973, 323.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 71, 87) }
```

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

```
.background{ background-color: rgb(86, 71,  
87) }
```

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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