

Converting Colors

CIELCh(32, 19.607, 307.059)

Have a look what the booklet for
CIELCh(32, 19.607, 307.059)
contains.

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Color

CIELCh(32, 19.681, 307.072)

Conversions

Conversions Part 1

Format	Color
Hex	524664
RGB	82, 70, 100
RGB Percent	32%, 27%, 39%
CMY	0.6786, 0.7257, 0.6080
CMYK	0.18, 0.30, 0.00, 0.61
HSL	264°, 18%, 33%
HSV	264°, 30%, 39%
XYZ	7.9604, 7.0852, 12.9919
YIQ	77.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

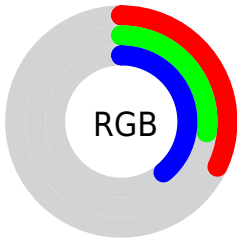
Format	Color
R_{YB}	82, 70, 100
Decimal	5391972
CIE _{Lab}	32.00, 11.86, -15.70
CIE _{LCh}	32, 19.681, 307.072
Yxy	7.0852, 0.2839, 0.2527
Android (android.graphics.Color)	4283582052 (0xFF524664)
YUV	77.0080, 11.3351, 4.3780
Hunter-Lab	26.6180, 6.8011, -10.3061

Details

The CIELCh color **32, 19.681, 307.072** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **41, 18.760, 124.081**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 19.975, 307.487**, and **12, 19.222, 306.261** is the 20% darker color. If you saturate the color by 10%, you get **29, 26.578, 307.692**, and if you desaturate by 10%, it is **35, 12.936, 306.494**.

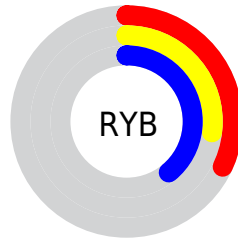
Distribution



Red (32%)

Green (27%)

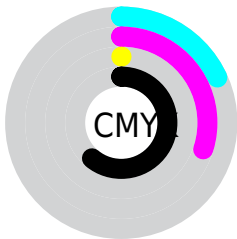
Blue (39%)



Red (32%)

Yellow (27%)

Blue (39%)

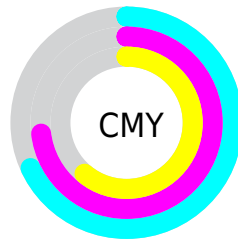


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (61%)



Cyan (68%)

Magenta (73%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 19.681, 307.072 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, 19.681, 307.072 by changing the saturation by 10% instead.

■ 32, 19.681,
307.072

■ 32, 19.681,
307.072

■ 100, 19.681,
307.072

■ 22, 19.681,
307.072

■ 52, 19.681,
307.072

■ 12, 19.681,
307.072

■ 62, 19.681,
307.072

■ 2, 19.681, 307.072

■ 72, 19.681,
307.072

■ 0, 19.681, 307.072

■ 82, 19.681,
307.072

■ 92, 19.681,
307.072

■ 32, 19.681,
307.072

■ 32, 19.681,
307.072

■ 29, 26.578,
307.692

■ 35, 12.936,
306.494

■ 25, 33.569,
308.338

■ 39, 6.377, 305.965

■ 22, 40.536,
308.980

■ 42, 0.012, 301.431

■ 46, 6.156, 125.089

■ 19, 47.278,
309.564

■ 49, 12.132,
124.714

■ 16, 53.472,
310.011

■ 53, 17.925,
124.387

■ 14, 58.670,
310.212

■ 56, 23.542,
124.101

■ 12, 63.663,
310.499

■ 59, 28.994,
123.853

■ 63, 34.288,
123.638

Harmonies

Complementary

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



32, 19.681, 307.072



41, 18.760, 124.081

Rectangle

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



32, 19.681, 307.072



32, 19.681, 357.072



32, 19.681, 127.072



32, 19.681, 177.072

Sweetspot

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



32, 19.680, 307.072



51, 7.110, 305.927



37, 9.823, 245.534



25, 4.987, 305.982



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



32, 19.680, 307.072



39, 29.584, 307.505



34, 21.645, 322.571



19, 3.631, 305.911



14, 70.328, 310.323



36, 122.836, 309.686

Inverse Universe

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



34, 16.985, 340.913



41, 25.281, 341.547



40, 21.497, 139.615



20, 3.191, 339.215



24, 48.845, 351.487



53, 83.815, 353.483

Previews

White Background



This preview shows how the CIELCh color 32, 19.681, 307.072 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, 19.681, 307.072 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, 19.681, 307.072

Background



This preview shows how black text looks on a background with the CIELCh color 32, 19.681, 307.072.



This preview shows how white text looks on a background with the CIELCh color 32, 19.681, 307.072.

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, 19.681, 307.072

Protanopia

32, 18.471, 285.464

Deuteranopia

32, 15.876, 287.507



Tritanopia
32, 4.194, 314.929

Trichromacy



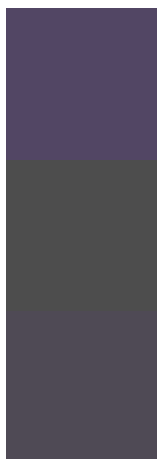
Original Color
32, 19.681, 307.072

Protanomaly
32, 18.388, 292.213

Deuteranomaly
32, 16.509, 294.371

Tritanomaly
32, 9.262, 307.269

Monochromacy



Original Color
32, 19.681, 307.072

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 7.308, 308.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 19.681, 307.072 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(82, 70, 100)` looks like.

```
.text, #text, p{  
    color:rgb(82, 70, 100)  
}
```

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(82, 70, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 70, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 19.681, 307.072 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(82, 70, 100) }
```

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

```
.border{ border-color:rgb(82, 70, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 70, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 70, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 70, 100);  
box-shadow:4px 4px 4px 4px rgb(82, 70,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 19.681, 307.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 70, 100) }
```

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

```
.background{ background-color: rgb(82, 70,  
100) }
```

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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