

Converting Colors

CIELCh(32, 30.920, 0.543)

Have a look what the booklet for
CIELCh(32, 30.920, 0.543) contains.

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Color

CIELCh(32, 30.984, 0.305)

Conversions

Conversions Part 1

Format	Color
Hex	77364C
RGB	119, 54, 76
RGB Percent	47%, 21%, 30%
CMY	0.5333, 0.7882, 0.7019
CMYK	0.00, 0.55, 0.36, 0.53
HSL	340°, 38%, 34%
HSV	340°, 55%, 47%
XYZ	10.2354, 7.0852, 7.6685
YIQ	75.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

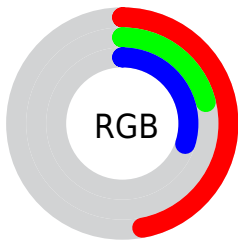
Format	Color
R_{YB}	119, 54, 76
Decimal	7812684
CIE _{Lab}	32.00, 30.98, 0.16
CIE _{LCh}	32, 30.984, 0.305
Yxy	7.0852, 0.4096, 0.2835
Android (android.graphics.Color)	4286002764 (0xFF77364C)
YUV	75.9430, 0.0281, 37.7610
Hunter-Lab	26.6180, 22.0568, 1.5514

Details

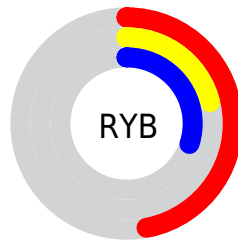
The CIELCh color $[32, 30.984, 0.305]$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $[45, 27.162, 167.599]$, and the grayscale version is $[32, 0.005, 296.813]$.

A 20% lighter version of the original color is $[52, 30.960, 359.775]$, and $[12, 30.960, 0.231]$ is the 20% darker color. If you saturate the color by 10%, you get $[29, 36.180, 2.513]$, and if you desaturate by 10%, it is $[35, 25.372, 358.512]$.

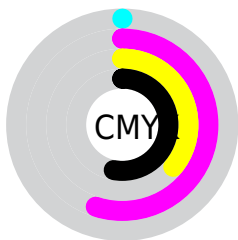
Distribution



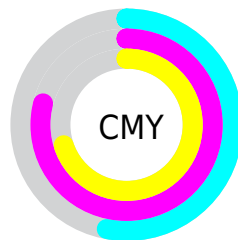
- Red (47%)
- Green (21%)
- Blue (30%)



- Red (47%)
- Yellow (21%)
- Blue (30%)



- Cyan (0%)
- Magenta (55%)
- Yellow (36%)
- Black (53%)



- Cyan (53%)
- Magenta (79%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 30.984, 0.305 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, 30.984, 0.305 by changing the saturation by 10% instead.

 32, 30.984, 0.305  32, 30.984, 0.305

 100, 30.984, 0.305  22, 30.984, 0.305

 52, 30.984, 0.305  12, 30.984, 0.305



 62, 30.984, 0.305  2, 30.984, 0.305

 72, 30.984, 0.305  0, 30.984, 0.305

 82, 30.984, 0.305

 92, 30.984, 0.305

 32, 30.984, 0.305  32, 30.984, 0.305

 29, 36.180, 2.513  35, 25.372,
358.512

 27, 40.717, 5.269

■ 26, 44.382, 8.728

■ 38, 19.575,
357.024

■ 24, 47.170, 12.957

■ 41, 13.761,
355.761

■ 24, 48.705, 15.215

■ 45, 8.045, 354.663

■ 48, 2.496, 353.629

■ 52, 2.850, 173.027

■ 56, 7.980, 172.201

■ 59, 12.895,
171.504

■ 63, 17.602,
170.875

Harmonies

Complementary

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



32, 30.984, 0.305



45, 27.162, 167.599

Rectangle

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



32, 30.984, 0.305



32, 30.984, 50.305



32, 30.984, 180.305



32, 30.984, 230.305

Sweetspot

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



32, 30.982, 0.307



57, 11.001, 354.851



31, 43.272, 316.331



29, 7.505, 355.025



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



32, 30.982, 0.307



38, 45.717, 3.292



34, 28.254, 35.885



23, 3.032, 354.094



25, 49.721, 15.393



53, 85.363, 18.726

Inverse Universe

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



32, 30.982, 0.307



38, 45.717, 3.292



43, 18.811, 215.862



23, 3.032, 354.094



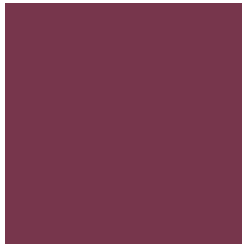
25, 49.721, 15.393



53, 85.363, 18.726

Previews

White Background



This preview shows how the CIE LCh color 32, 30.984, 0.305 looks on a white background.

Color Contrast Check

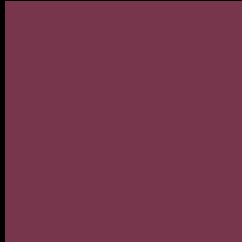
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.984, 0.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

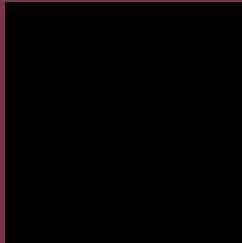
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 30.984, 0.305

Background



This preview shows how black text looks on a background with the CIELCh color 32, 30.984, 0.305.



This preview shows how white text looks on a background with the CIELCh color 32, 30.984, 0.305.

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, 30.984, 0.305

Protanopia

32, 8.887, 286.546

Deuteranopia

32, 4.924, 20.132



Tritanopia
32, 28.866, 20.214

Trichromacy



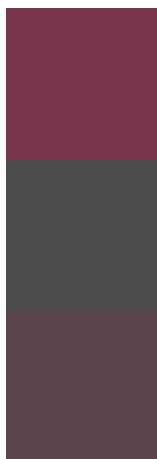
Original Color
32, 30.984, 0.305

Protanomaly
31, 14.577, 334.342

Deuteranomaly
32, 14.773, 2.255

Tritanomaly
32, 28.988, 13.175

Monochromacy



Original Color
32, 30.984, 0.305

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 11.782, 356.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 30.984, 0.305 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(119, 54, 76)` looks like.

```
.text, #text, p{  
    color:rgb(119, 54, 76)  
}
```

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(119, 54, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 54, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 30.984, 0.305 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(119, 54, 76) }
```

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

```
.border{ border-color:rgb(119, 54, 76) }
```

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

Here you see how a box with a 4 pixel rgb(119, 54, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 54, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 54, 76);  
box-shadow:4px 4px 4px 4px rgb(119, 54,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 30.984, 0.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 54, 76) }
```

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

```
.background{ background-color: rgb(119, 54,  
76) }
```

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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