

Converting Colors

CIELCh(32, 18.597, 344.190)

Have a look what the booklet for
CIELCh(32, 18.597, 344.190)
contains.

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Color

CIELCh(32, 18.782, 343.423)

Conversions

Conversions Part 1

Format	Color
Hex	634154
RGB	99, 65, 84
RGB Percent	39%, 25%, 33%
CMY	0.6115, 0.7448, 0.6703
CMYK	0.00, 0.34, 0.15, 0.61
HSL	326°, 21%, 32%
HSV	326°, 34%, 39%
XYZ	8.6494, 7.0852, 9.3122
YIQ	77.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

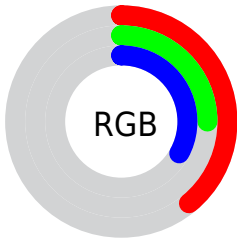
Format	Color
R_{YB}	99, 65, 84
Decimal	6504788
CIE Lab	32.00, 18.00, -5.36
CIE LCh	32, 18.782, 343.423
Yxy	7.0852, 0.3453, 0.2829
Android (android.graphics.Color)	4284694868 (0xFF634154)
YUV	77.3320, 3.2873, 19.0028
Hunter-Lab	26.6180, 11.4212, -2.1098

Details

The CIELCh color $32, 18.782, 343.423$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $39, 18.253, 157.711$, and the grayscale version is $33, 0.005, 296.813$.

A 20% lighter version of the original color is $52, 19.045, 342.174$, and $12, 18.713, 343.131$ is the 20% darker color. If you saturate the color by 10%, you get $29, 24.161, 344.453$, and if you desaturate by 10%, it is $35, 13.274, 342.502$.

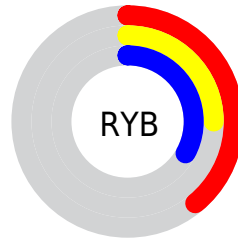
Distribution



Red (39%)

Green (25%)

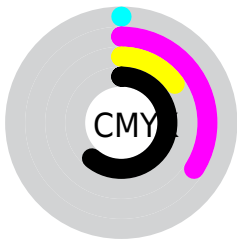
Blue (33%)



Red (39%)

Yellow (25%)

Blue (33%)

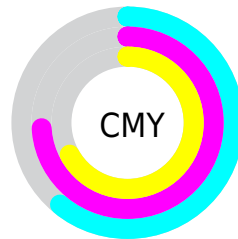


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (61%)



Cyan (61%)


Magenta (74%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 18.782, 343.423 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, 18.782, 343.423 by changing the saturation by 10% instead.


 32, 18.782,
343.423

 32, 18.782,
343.423

 100, 18.782,
343.423

 22, 18.782,
343.423

 52, 18.782,
343.423


 12, 18.782,
343.423


 62, 18.782,
343.423

 2, 18.782, 343.423

 72, 18.782,
343.423

 0, 18.782, 343.423

 82, 18.782,
343.423

 92, 18.782,
343.423

■ 32, 18.782,
343.423

■ 32, 18.782,
343.423

■ 29, 24.161,
344.453

■ 35, 13.274,
342.502

■ 27, 29.249,
345.623

■ 38, 7.761, 341.658

■ 25, 33.829,
346.985

■ 41, 2.320, 340.828

■ 44, 2.999, 160.302

■ 23, 37.655,
348.607

■ 47, 8.172, 159.603

■ 21, 40.494,
350.582

■ 50, 13.186,
158.986

■ 20, 42.342,
352.952

■ 53, 18.040,
158.416

■ 20, 43.398,
354.276

■ 56, 22.736,
157.884

■ 59, 27.283,

Harmonies

Complementary

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



32, 18.782, 343.423



39, 18.253, 157.711

Rectangle

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



32, 18.782, 343.423



32, 18.782, 33.423



32, 18.782, 163.423



32, 18.782, 213.423

Sweetspot

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



32, 18.780, 343.424



51, 6.752, 341.333



30, 22.566, 308.438



26, 4.647, 341.414



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, 18.780, 343.424



40, 27.993, 344.229



31, 15.841, 17.092



18, 2.969, 341.216



23, 47.270, 354.816



52, 81.868, 357.198

Inverse Universe

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



32, 18.780, 343.424



40, 27.993, 344.229



39, 13.068, 191.657



18, 2.969, 341.216



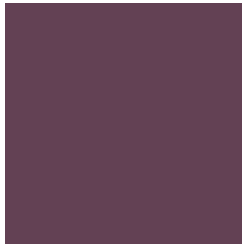
23, 47.270, 354.816



52, 81.868, 357.198

Previews

White Background



This preview shows how the CIE LCh color 32, 18.782, 343.423 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, 18.782, 343.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

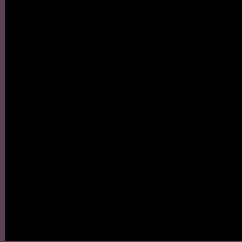
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 18.782, 343.423

Background



This preview shows how black text looks on a background with the CIELCh color 32, 18.782, 343.423.



This preview shows how white text looks on a background with the CIELCh color 32, 18.782, 343.423.

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, 18.782, 343.423

Protanopia

32, 10.175, 285.242

Deuteranopia

32, 7.036, 316.180



Tritanopia
32, 14.419, 9.457

Trichromacy



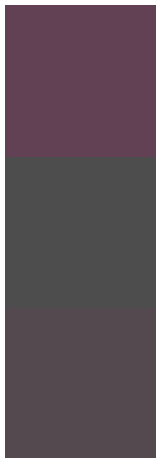
Original Color
32, 18.782, 343.423

Protanomaly
32, 11.774, 314.779

Deuteranomaly
32, 11.016, 332.949

Tritanomaly
32, 15.532, 358.460

Monochromacy



Original Color
32, 18.782, 343.423

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 6.852, 340.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 18.782, 343.423 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(99, 65, 84)` looks like.

```
.text, #text, p{  
    color:rgb(99, 65, 84)  
}
```

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(99, 65, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 65, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 18.782, 343.423 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(99, 65, 84) }
```

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

```
.border{ border-color:rgb(99, 65, 84) }
```

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

Here you see how a box with a 4 pixel rgb(99, 65, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 65, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 65, 84);  
box-shadow:4px 4px 4px 4px rgb(99, 65, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 18.782, 343.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 65, 84) }
```

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

```
.background{ background-color: rgb(99, 65,  
84) }
```

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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