

Converting Colors

CIELCh(32, 7.290, 174.845)

Have a look what the booklet for
CIELCh(32, 7.290, 174.845) contains.

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Color

CIELCh(32, 7.521, 173.391)

Conversions

Conversions Part 1

Format	Color
Hex	3F4F4A
RGB	63, 79, 74
RGB Percent	25%, 31%, 29%
CMY	0.7541, 0.6914, 0.7110
CMYK	0.20, 0.00, 0.06, 0.69
HSL	161°, 11%, 28%
HSV	161°, 20%, 31%
XYZ	6.0307, 7.0852, 7.4750
YIQ	73.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

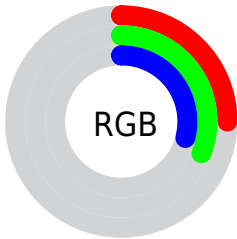
Format	Color
RYB	63, 72, 79
Decimal	4149066
CIELab	32.00, -7.47, 0.87
CIELCh	32, 7.521, 173.391
Yxy	7.0852, 0.2929, 0.3441
Android (android.graphics.Color)	4282339146 (0xFF3F4F4A)
YUV	73.6460, 0.1745, -9.3365
Hunter-Lab	26.6180, -6.1393, 1.9825

Details

The CIELCh color **32, 7.521, 173.391** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 7.913, 356.926**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 7.299, 175.228**, and **12, 7.972, 170.428** is the 20% darker color. If you saturate the color by 10%, you get **31, 11.091, 172.425**, and if you desaturate by 10%, it is **33, 3.850, 174.305**.

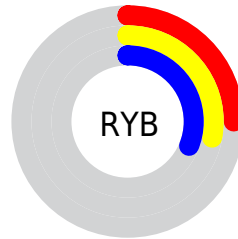
Distribution



 Red (25%)

 Green (31%)

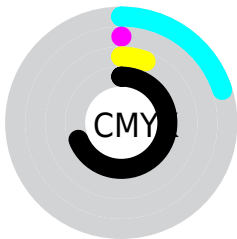
 Blue (29%)



 Red (25%)

 Yellow (28%)

 Blue (31%)

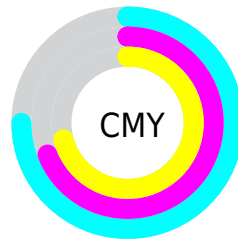


 Cyan (20%)


 Magenta (0%)

 Yellow (6%)

 Black (69%)



 Cyan (75%)

 Magenta (69%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 7.521, 173.391 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, 7.521, 173.391 by changing the saturation by 10% instead.

■ 32, 7.521, 173.391

■ 32, 7.521, 173.391

■ 100, 7.521,
173.391

■ 22, 7.521, 173.391

■ 52, 7.521, 173.391

■ 12, 7.521, 173.391

■ 62, 7.521, 173.391

■ 2, 7.521, 173.391

■ 72, 7.521, 173.391

■ 0, 7.521, 173.391

■ 82, 7.521, 173.391

■ 92, 7.521, 173.391

■ 32, 7.521, 173.391

■ 32, 7.521, 173.391

■ 31, 11.091,
172.425

■ 33, 3.850, 174.305

■ 31, 14.508,
171.389

■ 33, 0.118, 177.133

■ 30, 17.723,
170.262

■ 34, 3.638, 355.792

■ 30, 20.685,
169.027

■ 35, 7.388, 356.570

■ 30, 23.347,
167.664

■ 36, 11.108,
357.290

■ 29, 25.678,
166.154

■ 37, 14.781,
357.974

■ 29, 27.679,
164.503

■ 38, 18.394,
358.627

■ 29, 29.573,
163.042

■ 39, 21.939,
359.254

■ 40, 25.410,
359.857

Harmonies

Complementary

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



32, 7.521, 173.391



28, 7.913, 356.926

Rectangle

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



32, 7.521, 173.391



32, 7.521, 223.391



32, 7.521, 353.391



32, 7.521, 43.391

Sweetspot

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



32, 7.522, 173.387



43, 2.779, 174.694



32, 11.224, 134.388



21, 1.820, 174.669



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



32, 7.522, 173.387



41, 10.956, 172.958



31, 5.637, 218.102



15, 2.035, 174.462



38, 35.843, 162.211



81, 66.620, 160.545

Inverse Universe

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



28, 7.913, 356.926



36, 11.663, 357.417



29, 6.366, 37.402



14, 2.080, 355.760



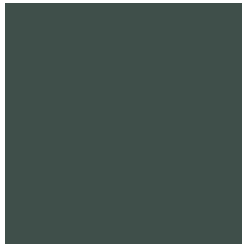
20, 43.841, 16.503



49, 80.861, 20.850

Previews

White Background



This preview shows how the CIELCh color 32, 7.521, 173.391 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, 7.521, 173.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

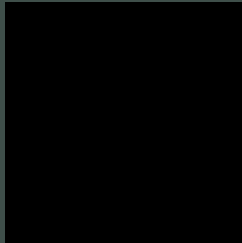
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

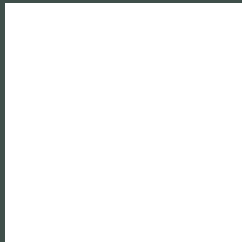
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 7.521, 173.391

Background



This preview shows how black text looks on a background with the CIELCh color 32, 7.521, 173.391.

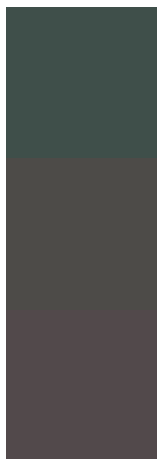


This preview shows how white text looks on a background with the CIELCh color 32, 7.521, 173.391.

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

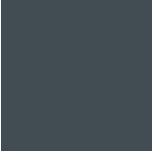
32, 7.521, 173.391

Protanopia

32, 2.083, 84.614

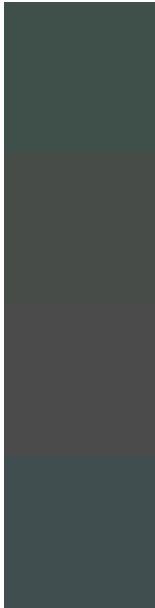
Deuteranopia

32, 4.180, 2.458



Tritanopia
32, 6.084, 237.721

Trichromacy



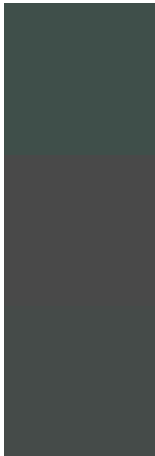
Original Color
32, 7.521, 173.391

Protanomaly
32, 2.593, 152.092

Deuteranomaly
32, 0.005, 296.813

Tritanomaly
32, 5.853, 211.188

Monochromacy



Original Color
32, 7.521, 173.391

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 2.907, 173.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 7.521, 173.391 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(63, 79, 74)` looks like.

```
.text, #text, p{  
    color:rgb(63, 79, 74)  
}
```

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(63, 79, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 79, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 7.521, 173.391 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(63, 79, 74) }
```

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

```
.border{ border-color:rgb(63, 79, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 79, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 79, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 79, 74);  
box-shadow:4px 4px 4px 4px rgb(63, 79, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 7.521, 173.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 79, 74) }
```

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

```
.background{ background-color: rgb(63, 79,  
74) }
```

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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