

Converting Colors

CIELCh(32, 4.098, 41.301)

Have a look what the booklet for
CIELCh(32, 4.098, 41.301) contains.

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Color

CIELCh(32, 4.066, 47.489)

Conversions

Conversions Part 1

Format	Color
Hex	524A47
RGB	82, 74, 71
RGB Percent	32%, 29%, 28%
CMY	0.6797, 0.7110, 0.7228
CMYK	0.00, 0.10, 0.13, 0.68
HSL	16°, 7%, 30%
HSV	16°, 13%, 32%
XYZ	7.0061, 7.0852, 6.9063
YIQ	76.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

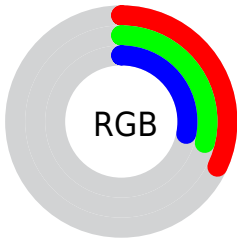
Format	Color
RYB	82, 75, 71
Decimal	5392967
CIELab	32.00, 2.75, 3.00
CIELCh	32, 4.066, 47.489
Yxy	7.0852, 0.3337, 0.3374
Android (android.graphics.Color)	4283583047 (0xFF524A47)
YUV	76.0500, -2.4896, 5.2182
Hunter-Lab	26.6180, 0.4014, 3.2491

Details

The CIELCh color **32, 4.066, 47.489** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33, 3.788, 229.084**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 3.996, 54.915**, and **12, 3.956, 41.567** is the 20% darker color. If you saturate the color by 10%, you get **30, 7.346, 47.129**, and if you desaturate by 10%, it is **34, 1.007, 47.771**.

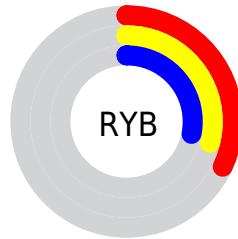
Distribution



 Red (32%)

 Green (29%)

 Blue (28%)



 Red (32%)

 Yellow (29%)

 Blue (28%)

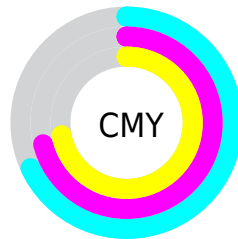



 Cyan (0%)


 Magenta (10%)

 Yellow (13%)

 Black (68%)



 Cyan (68%)

 Magenta (71%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 4.066, 47.489 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, 4.066, 47.489 by changing the saturation by 10% instead.

■ 32, 4.066, 47.489 ■ 32, 4.066, 47.489

■ 100, 4.066, 47.489 ■ 22, 4.066, 47.489

■ 52, 4.066, 47.489 ■ 12, 4.066, 47.489

■ 62, 4.066, 47.489 ■ 2, 4.066, 47.489

■ 72, 4.066, 47.489 ■ 0, 4.066, 47.489

■ 82, 4.066, 47.489

■ 92, 4.066, 47.489

■ 32, 4.066, 47.489 ■ 32, 4.066, 47.489

■ 30, 7.346, 47.129 ■ 34, 1.007, 47.771

■ 28, 10.866, 46.811 ■ 36, 1.849, 228.699

26, 14.640, 46.585	38, 4.525, 229.153
24, 18.671, 46.470	40, 7.040, 229.691
23, 22.944, 46.480	42, 9.411, 230.252
21, 27.412, 46.600	44, 11.655, 230.820
19, 31.741, 46.398	47, 13.788, 231.387
18, 35.169, 45.049	49, 15.821, 231.950
17, 37.288, 44.446	51, 17.766, 232.504

Harmonies

Complementary

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



32, 4.066, 47.489



33, 3.788, 229.084

Rectangle

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



32, 4.066, 47.489



32, 4.066, 97.489



32, 4.066, 227.489



32, 4.066, 277.489

Sweetspot

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



32, 4.066, 47.507



44, 1.462, 47.782



31, 7.020, 333.762



22, 1.029, 47.783



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 4.066, 47.507



41, 6.115, 47.385



34, 5.389, 96.881



15, 1.659, 47.683



23, 47.138, 46.050



53, 89.779, 45.743

Inverse Universe

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



33, 3.788, 229.084



42, 5.596, 229.298



31, 5.446, 279.876



16, 1.587, 228.808



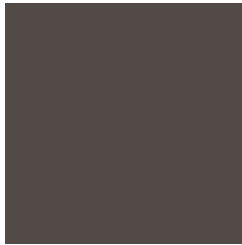
30, 24.001, 248.069



65, 44.056, 251.677

Previews

White Background



This preview shows how the CIELCh color 32, 4.066, 47.489 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, 4.066, 47.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

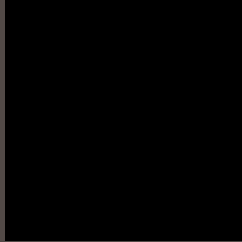
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 4.066, 47.489

Background



This preview shows how black text looks on a background with the CIELCh color 32, 4.066, 47.489.



This preview shows how white text looks on a background with the CIELCh color 32, 4.066, 47.489.

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

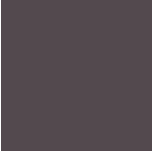
32, 4.066, 47.489

Protanopia

32, 2.849, 81.661

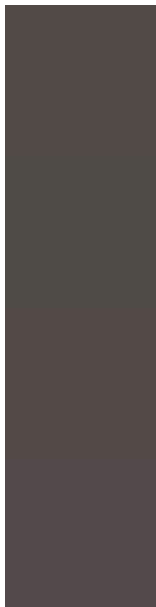
Deuteranopia

32, 5.129, 34.286



Tritanopia
32, 5.407, 344.536

Trichromacy



Original Color
32, 4.066, 47.489

Protanomaly
32, 3.085, 74.245

Deuteranomaly
32, 4.683, 35.607

Tritanomaly
32, 4.609, 4.234

Monochromacy



Original Color
32, 4.066, 47.489

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 1.458, 45.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 4.066, 47.489 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, 74, 71)` looks like.

```
.text, #text, p{  
    color:rgb(82, 74, 71)  
}
```

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, 74, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 74, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 4.066, 47.489 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, 74, 71) }
```

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

```
.border{ border-color:rgb(82, 74, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 74, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 74, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 74, 71);  
box-shadow:4px 4px 4px 4px rgb(82, 74, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 4.066, 47.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 74, 71) }
```

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

```
.background{ background-color: rgb(82, 74,  
71) }
```

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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