

Converting Colors

CIELCh(26, 5.791, 2.144)

Have a look what the booklet for
CIELCh(26, 5.791, 2.144) contains.

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Color

CIELCh(26, 5.684, 7.224)

Conversions

Conversions Part 1

Format	Color
Hex	473B3D
RGB	71, 59, 61
RGB Percent	28%, 23%, 24%
CMY	0.7231, 0.7701, 0.7623
CMYK	0.00, 0.17, 0.14, 0.72
HSL	350°, 9%, 25%
HSV	350°, 17%, 28%
XYZ	4.9462, 4.7465, 5.0166
YIQ	62.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

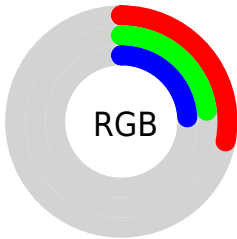
Format	Color
R_{YB}	71, 59, 61
Decimal	4668221
CIE Lab	26.00, 5.64, 0.71
CIE LCh	26, 5.684, 7.224
Yxy	4.7465, 0.3363, 0.3227
Android (android.graphics.Color)	4282858301 (0xFF473B3D)
YUV	62.8160, -0.8953, 7.1774
Hunter-Lab	21.7865, 2.3990, 1.5983

Details

The CIELCh color **26, 5.684, 7.224** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 5.319, 184.562**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 5.951, 8.650**, and **6, 5.634, 7.044** is the 20% darker color. If you saturate the color by 10%, you get **24, 9.250, 8.297**, and if you desaturate by 10%, it is **28, 2.277, 6.272**.

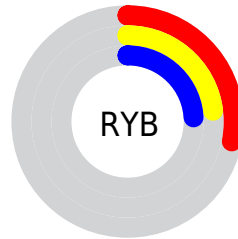
Distribution



Red (28%)

Green (23%)

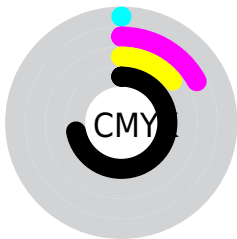
Blue (24%)



Red (28%)

Yellow (23%)

Blue (24%)

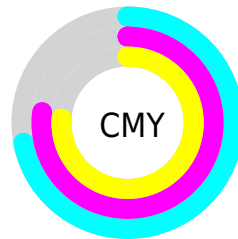


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (72%)



Cyan (72%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 5.684, 7.224 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 26, 5.684, 7.224 by changing the saturation by 10% instead.

■ 26, 5.684, 7.224

■ 26, 5.684, 7.224

■ 100, 5.684, 7.224

■ 16, 5.684, 7.224

■ 46, 5.684, 7.224

■ 6, 5.684, 7.224

■ 56, 5.684, 7.224

■ 0, 5.684, 7.224

■ 66, 5.684, 7.224

■ 76, 5.684, 7.224

■ 86, 5.684, 7.224

■ 96, 5.684, 7.224

■ 26, 5.684, 7.224

■ 26, 5.684, 7.224

■ 24, 9.250, 8.297

■ 28, 2.277, 6.272

22, 12.953, 9.552	31, 0.960, 185.866
19, 16.749, 11.062	33, 4.030, 184.993
17, 20.566, 12.906	36, 6.940, 184.369
16, 24.307, 15.179	38, 9.701, 183.825
14, 27.859, 17.986	40, 12.326, 183.339
13, 31.064, 21.124	43, 14.827, 182.899
12, 34.032, 22.573	45, 17.216, 182.499
12, 34.931, 22.616	48, 19.504, 182.132

Harmonies

Complementary

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



26, 5.684, 7.224



29, 5.319, 184.562

Rectangle

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



26, 5.684, 7.224



26, 5.684, 57.224



26, 5.684, 187.224



26, 5.684, 237.224

Sweetspot

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



26, 5.683, 7.231



38, 2.021, 6.089



26, 9.012, 320.474



18, 1.360, 6.122



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 5.683, 7.231



33, 8.404, 7.620



27, 4.546, 54.475



13, 1.844, 6.430



19, 46.046, 28.105



48, 87.639, 32.585

Inverse Universe

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



26, 5.683, 7.231



33, 8.404, 7.620



28, 4.205, 237.183



13, 1.844, 6.430



19, 46.046, 28.105



48, 87.639, 32.585

Previews

White Background



This preview shows how the CIELCh color 26, 5.684, 7.224 looks on a white background.

Color Contrast Check

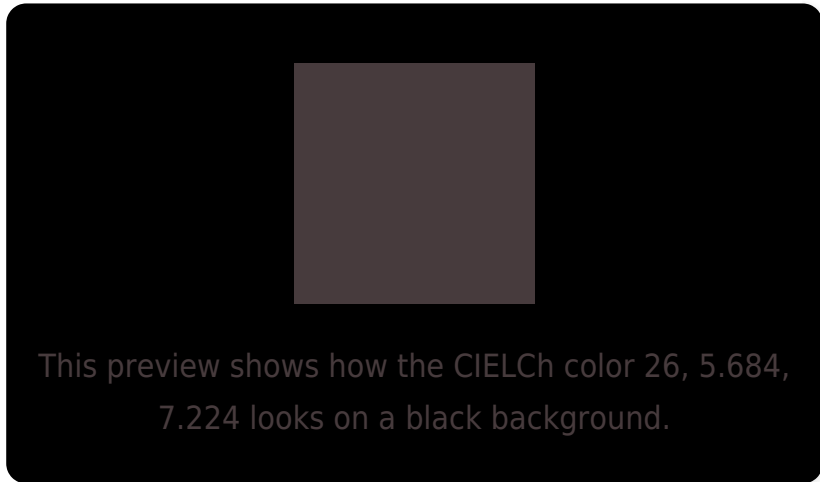
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

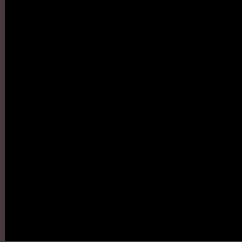
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 5.684, 7.224

Background



This preview shows how black text looks on a background with the CIELCh color 26, 5.684, 7.224.

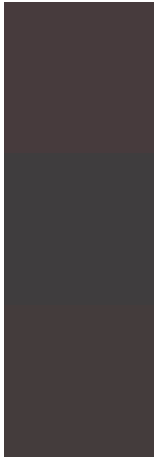


This preview shows how white text looks on a background with the CIELCh color 26, 5.684, 7.224.

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

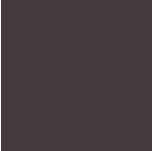
26, 5.684, 7.224

Protanopia

26, 1.122, 343.716

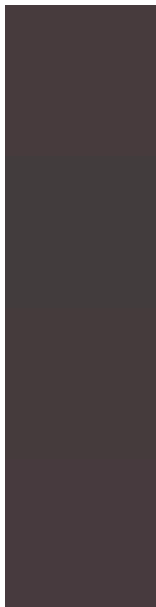
Deuteranopia

26, 3.688, 20.006



Tritanopia
26, 6.769, 351.899

Trichromacy



Original Color

26, 5.684, 7.224

Protanomaly

26, 2.820, 6.465

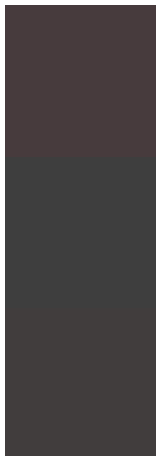
Deuteranomaly

26, 4.665, 12.205

Tritanomaly

26, 6.506, 357.017

Monochromacy



Original Color

26, 5.684, 7.224

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 1.822, 19.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 5.684, 7.224 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(71, 59, 61)` looks like.

```
.text, #text, p{  
    color:rgb(71, 59, 61)  
}
```

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(71, 59, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 59, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 5.684, 7.224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

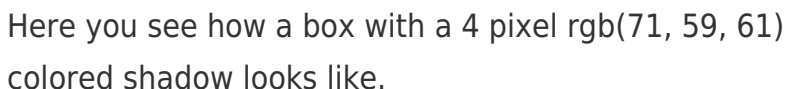
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 59, 61) }
```

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

```
.border{ border-color:rgb(71, 59, 61) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 59, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 59, 61); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 59, 61); box-shadow:4px 4px 4px 4px rgb(71, 59, 61) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 5.684, 7.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 59, 61) }
```

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

```
.background{ background-color: rgb(71, 59,  
61) }
```

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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