

Converting Colors

CIELCh(28, 7.025, 160.555)

Have a look what the booklet for
CIELCh(28, 7.025, 160.555) contains.

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Color

CIELCh(28, 7.354, 160.255)

Conversions

Conversions Part 1

Format	Color
Hex	38453E
RGB	56, 69, 62
RGB Percent	22%, 27%, 24%
CMY	0.7801, 0.7291, 0.7566
CMYK	0.19, 0.00, 0.10, 0.73
HSL	148°, 10%, 25%
HSV	148°, 19%, 27%
XYZ	4.6396, 5.4574, 5.3773
YIQ	64.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

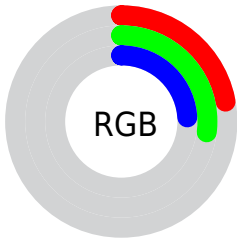
Format	Color
R_{YB}	56, 65, 69
Decimal	3687742
CIE Lab	28.00, -6.92, 2.48
CIE LCh	28, 7.354, 160.255
Yxy	5.4574, 0.2998, 0.3527
Android (android.graphics.Color)	4281877822 (0xFF38453E)
YUV	64.3150, -1.1413, -7.2923
Hunter-Lab	23.3610, -5.4307, 2.7053

Details

The CIELCh color **28, 7.354, 160.255** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 7.484, 342.996**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 7.407, 159.122**, and **8, 7.048, 160.492** is the 20% darker color. If you saturate the color by 10%, you get **27, 11.234, 159.385**, and if you desaturate by 10%, it is **29, 3.444, 161.058**.

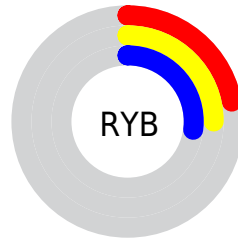
Distribution



Red (22%)

Green (27%)

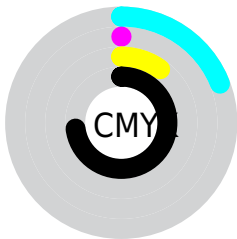
Blue (24%)



Red (22%)

Yellow (25%)

Blue (27%)

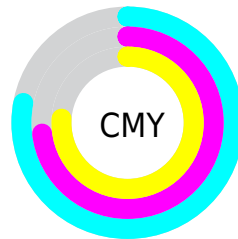


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (73%)



Cyan (78%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 7.354, 160.255 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 28, 7.354, 160.255 by changing the saturation by 10% instead.

■ 28, 7.354, 160.255

■ 28, 7.354, 160.255

■ 100, 7.354,
160.255

■ 18, 7.354, 160.255

■ 48, 7.354, 160.255

■ 8, 7.354, 160.255

■ 58, 7.354, 160.255

■ 0, 7.354, 160.255

■ 68, 7.354, 160.255

■ 78, 7.354, 160.255

■ 88, 7.354, 160.255

■ 98, 7.354, 160.255

■ 28, 7.354, 160.255

■ 28, 7.354, 160.255

27, 11.234,
159.385

29, 3.444, 161.058

27, 15.037,
158.425

29, 0.462, 341.312

30, 4.333, 342.315

26, 18.715,
157.354

31, 8.146, 342.930

26, 22.214,
156.154

32, 11.886,
343.489

26, 25.483,
154.809

33, 15.541,
344.007

25, 28.475,
153.305

34, 19.103,
344.489

25, 31.177,
151.662

35, 22.570,
344.943

25, 33.820,
150.235

36, 25.939,
345.370

25, 34.131,

Harmonies

Complementary

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



28, 7.354, 160.255



25, 7.484, 342.996

Rectangle

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



28, 7.354, 160.255



28, 7.354, 210.255



28, 7.354, 340.255



28, 7.354, 30.255

Sweetspot

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



28, 7.355, 160.253



37, 2.894, 161.269



28, 8.780, 126.522



19, 1.937, 161.251



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



28, 7.355, 160.253



36, 11.108, 159.822



28, 5.548, 194.187



14, 2.235, 161.073



36, 44.997, 148.756



80, 85.342, 146.964

Inverse Universe

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



25, 7.484, 342.996



32, 11.353, 343.417



25, 6.119, 16.563



13, 2.256, 342.190



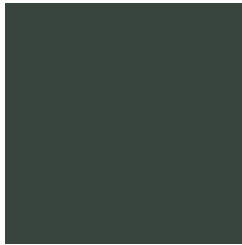
20, 43.200, 355.990



49, 78.130, 358.956

Previews

White Background



This preview shows how the CIELCh color 28, 7.354, 160.255 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 28, 7.354, 160.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

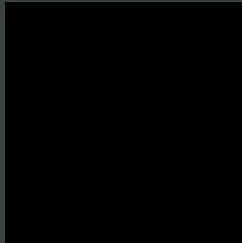
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 7.354, 160.255

Background



This preview shows how black text looks on a background with the CIELCh color 28, 7.354, 160.255.

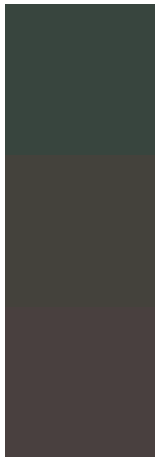


This preview shows how white text looks on a background with the CIELCh color 28, 7.354, 160.255.

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

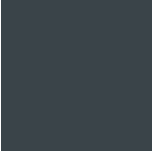
28, 7.354, 160.255

Protanopia

28, 3.971, 95.985

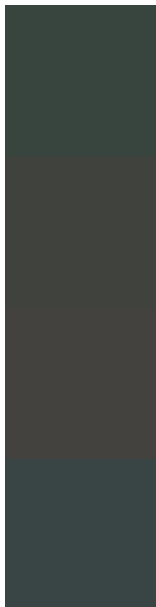
Deuteranopia

28, 4.181, 28.886



Tritanopia
28, 5.197, 237.553

Trichromacy



Original Color
28, 7.354, 160.255

Protanomaly
28, 4.113, 128.735

Deuteranomaly
28, 1.982, 96.574

Tritanomaly
28, 4.699, 206.670

Monochromacy



Original Color
28, 7.354, 160.255

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 2.976, 158.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 7.354, 160.255 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(56, 69, 62)` looks like.

```
.text, #text, p{  
    color:rgb(56, 69, 62)  
}
```

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(56, 69, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 69, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 7.354, 160.255 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(56, 69, 62) }
```

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

```
.border{ border-color:rgb(56, 69, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 69, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 69, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 69, 62);  
box-shadow:4px 4px 4px 4px rgb(56, 69, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 7.354, 160.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 69, 62) }
```

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

```
.background{ background-color: rgb(56, 69,  
62) }
```

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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