

Converting Colors

CIELCh(28, 20.605, 35.496)

Have a look what the booklet for
CIELCh(28, 20.605, 35.496) contains.

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Color

CIELCh(28, 20.485, 37.044)

Conversions

Conversions Part 1

Format	Color
Hex	5F3830
RGB	95, 56, 48
RGB Percent	37%, 22%, 19%
CMY	0.6279, 0.7808, 0.8122
CMYK	0.00, 0.41, 0.50, 0.63
HSL	10°, 33%, 28%
HSV	10°, 50%, 37%
XYZ	6.6476, 5.4574, 3.4884
YIQ	66.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

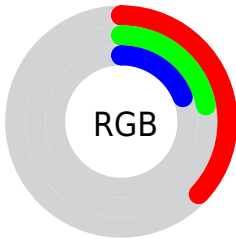
Format	Color
R_{YB}	95, 58, 48
Decimal	6240304
CIE Lab	28.00, 16.35, 12.34
CIE LCh	28, 20.485, 37.044
Yxy	5.4574, 0.4263, 0.3500
Android (android.graphics.Color)	4284430384 (0xFF5F3830)
YUV	66.7490, -9.2433, 24.7761
Hunter-Lab	23.3610, 9.9122, 7.4992




Details

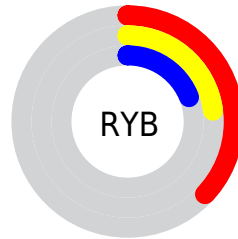
The CIELCh color **28, 20.485, 37.044** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 14.464, 218.151**, and the grayscale version is **28, 0.004, 296.813**.




A 20% lighter version of the original color is **48, 20.443, 36.430**, and **8, 20.548, 37.201** is the 20% darker color. If you saturate the color by 10%, you get **26, 25.520, 37.779**, and if you desaturate by 10%, it is **30, 15.740, 36.539**.

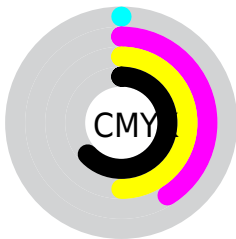
Distribution







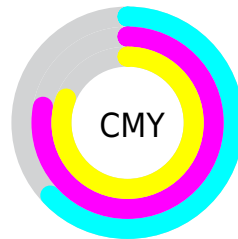
-  Red (37%)
-  Green (22%)
-  Blue (19%)






-  Red (37%)
-  Yellow (23%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (50%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (78%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 20.485, 37.044 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, 20.485, 37.044 by changing the saturation by 10% instead.

■ 28, 20.485, 37.044

■ 28, 20.485, 37.044

■ 100, 20.485,
37.044

■ 18, 20.485, 37.044

■ 48, 20.485, 37.044

■ 8, 20.485, 37.044

■ 58, 20.485, 37.044

■ 0, 20.485, 37.044

■ 68, 20.485, 37.044

■ 78, 20.485, 37.044

■ 88, 20.485, 37.044

■ 98, 20.485, 37.044

■ 28, 20.485, 37.044

■ 28, 20.485, 37.044

■ 26, 25.520, 37.779

■ 30, 15.740, 36.539

■ 24, 30.790, 38.750

■ 33, 11.309, 36.216

■ 22, 36.170, 39.933

■ 35, 7.192, 36.037

■ 21, 40.917, 40.389

■ 38, 3.374, 35.946

■ 19, 44.710, 40.415

■ 40, 0.166, 218.019

■ 19, 44.884, 40.438

■ 43, 3.453, 216.308

■ 46, 6.513, 216.440

■ 48, 9.371, 216.640

■ 51, 12.049,
216.874

Harmonies

Complementary

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



28, 20.485, 37.044



34, 14.464, 218.151

Rectangle

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



28, 20.485, 37.044



28, 20.485, 87.044



28, 20.485, 217.044



28, 20.485, 267.044

Sweetspot

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



28, 20.484, 37.048



47, 6.710, 35.995



27, 30.959, 332.299



23, 4.559, 36.008



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



28, 20.484, 37.048



34, 31.331, 37.887



35, 20.948, 85.063



19, 2.018, 35.940



23, 52.299, 41.693



52, 96.290, 42.313

Inverse Universe

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



34, 14.464, 218.151



43, 20.060, 219.315



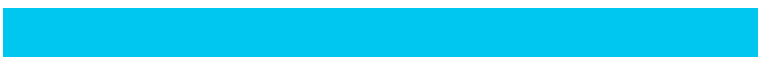
27, 20.824, 279.267



19, 1.916, 216.303



36, 23.766, 227.439



74, 41.573, 229.671

Previews

White Background



This preview shows how the CIELCh color 28, 20.485, 37.044 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 28, 20.485, 37.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

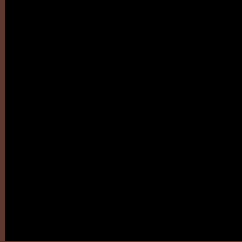
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 20.485, 37.044

Background



This preview shows how black text looks on a background with the CIELCh color 28, 20.485, 37.044.

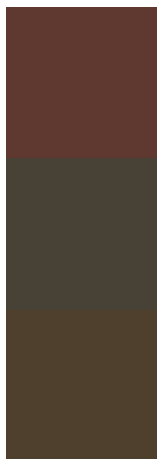


This preview shows how white text looks on a background with the CIELCh color 28, 20.485, 37.044.

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, 20.485, 37.044

Protanopia

28, 8.702, 92.534

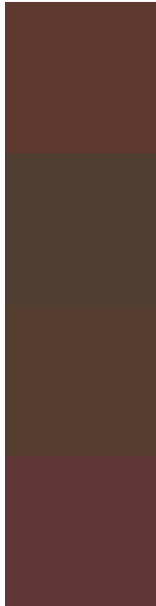
Deuteranopia

28, 13.913, 75.259



Tritanopia
28, 20.112, 16.298

Trichromacy



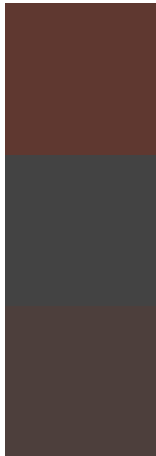
Original Color
28, 20.485, 37.044

Protanomaly
28, 11.465, 58.327

Deuteranomaly
28, 15.293, 56.502

Tritanomaly
28, 20.039, 25.046

Monochromacy



Original Color
28, 20.485, 37.044

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 6.866, 36.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 20.485, 37.044 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(95, 56, 48)` looks like.

```
.text, #text, p{  
    color:rgb(95, 56, 48)  
}
```

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(95, 56, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 56, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 20.485, 37.044 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(95, 56, 48) }
```

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

```
.border{ border-color:rgb(95, 56, 48) }
```

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

Here you see how a box with a 4 pixel rgb(95, 56, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 56, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 56, 48);  
box-shadow:4px 4px 4px 4px rgb(95, 56, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 20.485, 37.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 56, 48) }
```

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

```
.background{ background-color: rgb(95, 56,  
48) }
```

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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