

Converting Colors

CIELCh(28, 35.117, 6.947)

Have a look what the booklet for
CIELCh(28, 35.117, 6.947) contains.

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Color

CIELCh(28, 35.217, 7.086)

Conversions

Conversions Part 1

Format	Color
Hex	73283D
RGB	115, 40, 61
RGB Percent	45%, 16%, 24%
CMY	0.5502, 0.8442, 0.7618
CMYK	0.00, 0.65, 0.47, 0.55
HSL	343°, 49%, 30%
HSV	343°, 65%, 45%
XYZ	8.6154, 5.4574, 4.9786
YIQ	64.8190, 37.9590, 22.4310

Conversions

Conversions Part 2

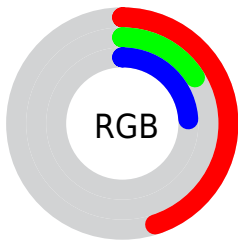
Format	Color
R_{YB}	115, 40, 61
Decimal	7546941
CIE _{Lab}	28.00, 34.95, 4.34
CIE _{LCh}	28, 35.217, 7.086
Yxy	5.4574, 0.4522, 0.2865
Android (android.graphics.Color)	4285737021 (0xFF73283D)
YUV	64.8190, -1.8828, 44.0087
Hunter-Lab	23.3610, 24.9480, 3.7170

Details

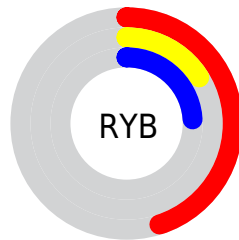
The CIELCh color **28, 35.217, 7.086** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **43, 28.923, 170.254**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 34.948, 7.534**, and **10, 30.830, 11.825** is the 20% darker color. If you saturate the color by 10%, you get **26, 39.800, 10.072**, and if you desaturate by 10%, it is **30, 30.075, 4.704**.

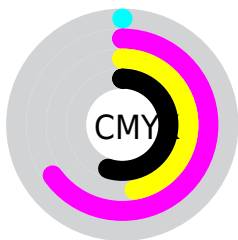
Distribution



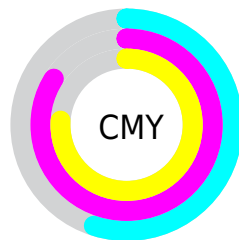
- Red (45%)
- Green (16%)
- Blue (24%)



- Red (45%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (47%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 35.217, 7.086 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, 35.217, 7.086 by changing the saturation by 10% instead.

 28, 35.217, 7.086  28, 35.217, 7.086

 100, 35.217, 7.086  18, 35.217, 7.086

 48, 35.217, 7.086  8, 35.217, 7.086

 58, 35.217, 7.086  0, 35.217, 7.086

 68, 35.217, 7.086

 78, 35.217, 7.086

 88, 35.217, 7.086

 98, 35.217, 7.086

 28, 35.217, 7.086  28, 35.217, 7.086

 26, 39.800, 10.072  30, 30.075, 4.704

■ 24, 43.651, 13.798

■ 33, 24.605, 2.779

■ 23, 46.832, 18.231

■ 36, 19.006, 1.199

■ 23, 48.392, 20.189

■ 40, 13.434,
359.874

■ 43, 7.990, 358.736

■ 46, 2.734, 357.687

■ 50, 2.304, 177.092

■ 54, 7.117, 176.240

■ 57, 11.709,
175.542

Harmonies

Complementary

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



28, 35.217, 7.086



43, 28.923, 170.254

Rectangle

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



28, 35.217, 7.086



28, 35.217, 57.086



28, 35.217, 187.086



28, 35.217, 237.086

Sweetspot

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



28, 35.215, 7.088



53, 12.935, 359.301



27, 49.827, 318.662



26, 8.802, 359.548



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



28, 35.215, 7.088



33, 50.062, 11.683



31, 32.685, 41.953



22, 2.835, 358.071



24, 50.010, 20.486



52, 87.149, 23.998

Inverse Universe

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



28, 35.215, 7.088



33, 50.062, 11.683



39, 20.109, 227.548



22, 2.835, 358.071



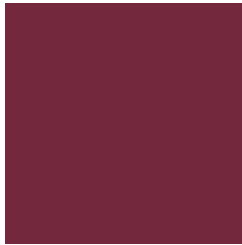
24, 50.010, 20.486



52, 87.149, 23.998

Previews

White Background



This preview shows how the CIELCh color 28, 35.217, 7.086 looks on a white background.

Color Contrast Check

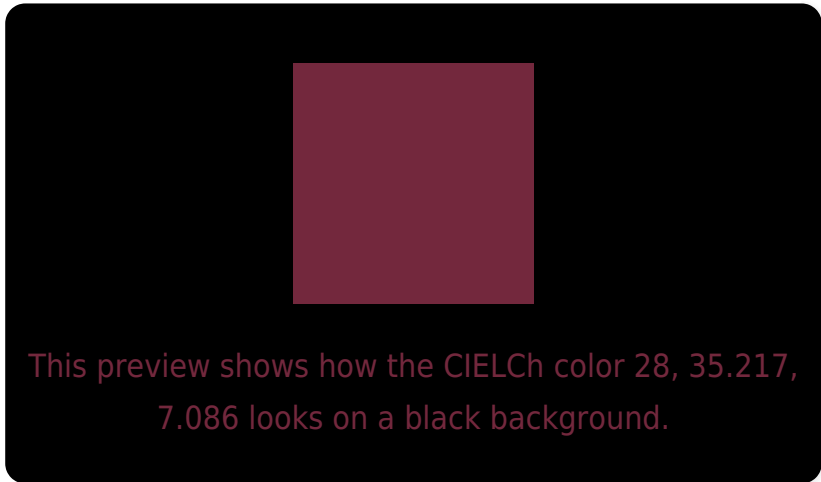
Large Text (above 18pt) WCAG AA ✓ Pass

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

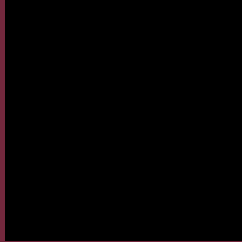
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 35.217, 7.086

Background



This preview shows how black text looks on a background with the CIELCh color 28, 35.217, 7.086.



This preview shows how white text looks on a background with the CIELCh color 28, 35.217, 7.086.

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, 35.217, 7.086

Protanopia

29, 5.818, 287.149

Deuteranopia

29, 7.727, 61.510



Tritanopia
28, 34.888, 25.316

Trichromacy



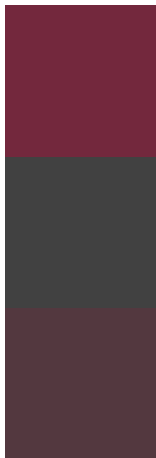
Original Color
28, 35.217, 7.086

Protanomaly
27, 14.631, 347.440

Deuteranomaly
28, 16.741, 18.333

Tritanomaly
28, 34.344, 18.462

Monochromacy



Original Color
28, 35.217, 7.086

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 13.221, 2.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 35.217, 7.086 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(115, 40, 61)` looks like.

```
.text, #text, p{  
    color:rgb(115, 40, 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(115, 40, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 40, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 35.217, 7.086 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(115, 40, 61) }
```

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

```
.border{ border-color:rgb(115, 40, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 40, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 40, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 40, 61);  
box-shadow:4px 4px 4px 4px rgb(115, 40,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 35.217, 7.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 40, 61) }
```

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

```
.background{ background-color: rgb(115, 40,  
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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