

Converting Colors

CIELCh(28, 58.083, 326.941)

Have a look what the booklet for
CIELCh(28, 58.083, 326.941)
contains.

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Color

CIELCh(28, 58.190, 326.801)

Conversions

Conversions Part 1

Format	Color
Hex	711974
RGB	113, 25, 116
RGB Percent	44%, 10%, 45%
CMY	0.5571, 0.9023, 0.5454
CMYK	0.03, 0.79, 0.00, 0.55
HSL	298°, 65%, 28%
HSV	298°, 79%, 45%
XYZ	10.2957, 5.4574, 17.0140
YIQ	61.6860, 23.2370, 46.9570

Conversions

Conversions Part 2

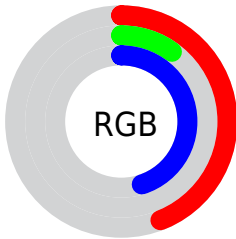
Format	Color
R_{YB}	113, 25, 116
Decimal	7412084
CIE _{Lab}	28.00, 48.69, -31.86
CIE _{LCh}	28, 58.190, 326.801
Yxy	5.4574, 0.3142, 0.1666
Android (android.graphics.Color)	4285602164 (0xFF711974)
YUV	61.6860, 26.7768, 45.0024
Hunter-Lab	23.3610, 37.7872, -26.8286

Details

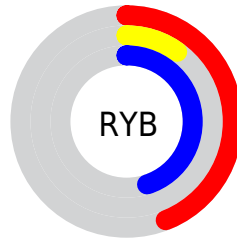
The CIELCh color **28, 58.190, 326.801** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 59.213, 137.212**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 58.252, 326.779**, and **12, 44.465, 325.128** is the 20% darker color. If you saturate the color by 10%, you get **27, 61.789, 326.926**, and if you desaturate by 10%, it is **30, 53.153, 326.577**.

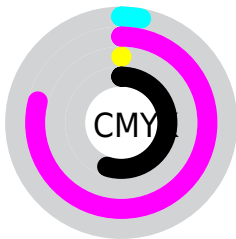
Distribution



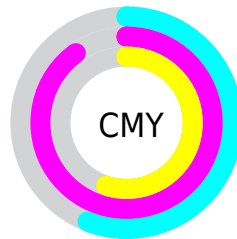
- Red (44%)
- Green (10%)
- Blue (45%)



- Red (44%)
- Yellow (10%)
- Blue (45%)



- Cyan (3%)
- Magenta (79%)
- Yellow (0%)
- Black (55%)





- Cyan (56%)
- Magenta (90%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 58.190, 326.801 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, 58.190, 326.801 by changing the saturation by 10% instead.

 28, 58.190,
326.801


 28, 58.190,
326.801

 100, 58.190,
326.801


 18, 58.190,
326.801


 48, 58.190,
326.801


 8, 58.190, 326.801

 58, 58.190,
326.801

 0, 58.190, 326.801

 68, 58.190,
326.801

 78, 58.190,
326.801

 88, 58.190,
326.801

 98, 58.190,

326.801

■ 28, 58.190,
326.801

■ 28, 58.190,
326.801

■ 27, 61.789,
326.926

■ 30, 53.153,
326.577

■ 26, 64.293,
326.978

■ 32, 46.902,
326.265

■ 26, 64.669,
326.986

■ 34, 39.726,
325.881

■ 37, 31.920,
325.444

■ 40, 23.743,
324.971

■ 43, 15.401,
324.474

■ 46, 7.044, 323.961

■ 49, 1.223, 143.625

■ 53, 9.331, 143.020

Harmonies

Complementary

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



28, 58.190, 326.801



42, 59.213, 137.212

Rectangle

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



28, 58.190, 326.801



28, 58.190, 16.801



28, 58.190, 146.801



28, 58.190, 196.801

Sweetspot

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



28, 58.189, 326.801



53, 24.757, 324.779



17, 59.255, 301.888



26, 17.138, 324.920



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



28, 58.189, 326.801



35, 76.747, 326.952



26, 43.507, 351.434



23, 4.709, 323.990



28, 67.231, 326.979



58, 113.994, 326.910

Inverse Universe

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



25, 45.207, 29.953



31, 65.804, 36.483



43, 42.654, 152.667



23, 2.751, 17.186



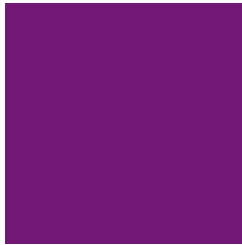
24, 58.123, 36.684



52, 101.701, 39.080

Previews

White Background



This preview shows how the CIELCh color 28, 58.190, 326.801 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, 58.190, 326.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

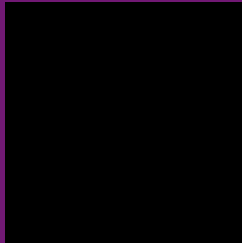
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 58.190, 326.801

Background



This preview shows how black text looks on a background with the CIELCh color 28, 58.190, 326.801.

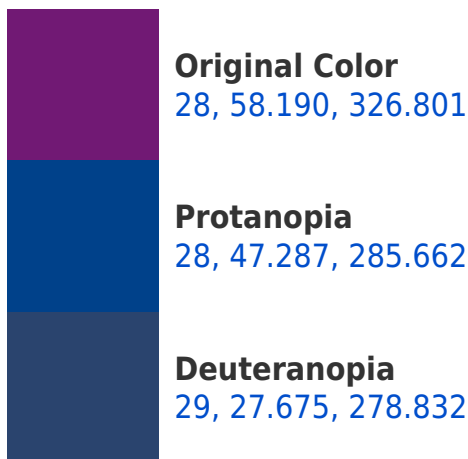


This preview shows how white text looks on a background with the CIELCh color 28, 58.190, 326.801.

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





Tritanopia
28, 27.117, 21.206

Trichromacy



Original Color
28, 58.190, 326.801

Protanomaly
25, 52.141, 297.375

Deuteranomaly
26, 39.424, 304.713

Tritanomaly
28, 34.823, 349.541

Monochromacy



Original Color
28, 58.190, 326.801

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 25.086, 325.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 58.190, 326.801 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(113, 25, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 25, 116)  
}
```

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(113, 25, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 25, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 58.190, 326.801 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(113, 25, 116) }
```

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

```
.border{ border-color:rgb(113, 25, 116) }
```

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

Here you see how a box with a 4 pixel rgb(113, 25, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 25, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 25, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 25,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 58.190, 326.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 25, 116) }
```

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

```
.background{ background-color: rgb(113, 25,  
116) }
```

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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