

Converting Colors

CIELCh(28, 53.774, 350.422)

Have a look what the booklet for
CIELCh(28, 53.774, 350.422)
contains.

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Color

CIELCh(28, 53.684, 350.566)

Conversions

Conversions Part 1

Format	Color
Hex	830251
RGB	131, 2, 81
RGB Percent	51%, 1%, 32%
CMY	0.4864, 0.9924, 0.6825
CMYK	0.00, 0.99, 0.38, 0.49
HSL	323°, 97%, 26%
HSV	323°, 99%, 51%
XYZ	10.8585, 5.4574, 8.2590
YIQ	49.5770, 51.5250, 51.9170

Conversions

Conversions Part 2

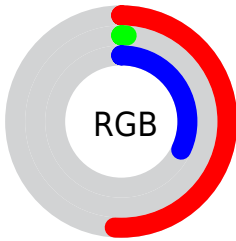
Format	Color
RYB	131, 2, 81
Decimal	8585809
CIELab	28.00, 52.96, -8.80
CIELCh	28, 53.684, 350.566
Yxy	5.4574, 0.4419, 0.2221
Android (android.graphics.Color)	4286775889 (0xFF830251)
YUV	49.5770, 15.4915, 71.4080
Hunter-Lab	23.3610, 42.0875, -4.6085

Details

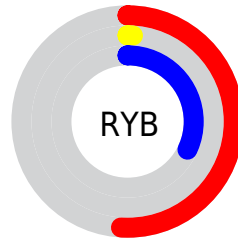
The CIELCh color **28, 53.684, 350.566** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **48, 58.937, 145.108**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 53.527, 350.723**, and **14, 35.451, 359.929** is the 20% darker color. If you saturate the color by 10%, you get **28, 53.886, 350.908**, and if you desaturate by 10%, it is **29, 52.315, 348.254**.

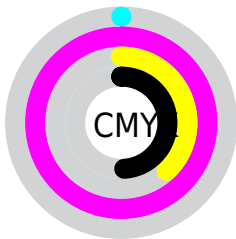
Distribution



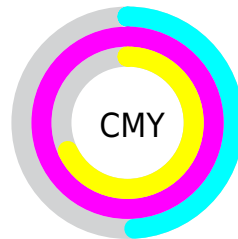
- Red (51%)
- Green (1%)
- Blue (32%)



- Red (51%)
- Yellow (1%)
- Blue (32%)



- Cyan (0%)
- Magenta (99%)
- Yellow (38%)
- Black (49%)





- Cyan (49%)
- Magenta (99%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 53.684, 350.566 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, 53.684, 350.566 by changing the saturation by 10% instead.

 28, 53.684,
350.566


 28, 53.684,
350.566

 100, 53.684,
350.566


 18, 53.684,
350.566


 48, 53.684,
350.566


 8, 53.684, 350.566

 58, 53.684,
350.566

 0, 53.684, 350.566

 68, 53.684,
350.566

 78, 53.684,
350.566

 88, 53.684,
350.566

 98, 53.684,

350.566

■ 28, 53.684,
350.566

■ 28, 53.684,
350.566

■ 28, 53.886,
350.908

■ 29, 52.315,
348.254

■ 30, 49.729,
346.291

■ 32, 45.657,
344.684

■ 35, 40.357,
343.338

■ 38, 34.161,
342.181

■ 41, 27.393,
341.162

■ 44, 20.320,
340.246

■ 48, 13.143,
339.407

■ 52, 5.999, 338.617

Harmonies

Complementary

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



28, 53.684, 350.566



48, 58.937, 145.108

Rectangle

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



28, 53.684, 350.566



28, 53.684, 40.566



28, 53.684, 170.566



28, 53.684, 220.566

Sweetspot

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



28, 53.681, 350.567



56, 26.568, 340.438



17, 76.929, 309.853



28, 18.260, 340.765



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



28, 53.681, 350.567



37, 65.175, 351.639



26, 58.182, 32.951



26, 4.014, 338.666



28, 53.622, 350.887



0, 0.953, 338.050

Inverse Universe

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



28, 53.681, 350.567



37, 65.175, 351.639



49, 33.910, 180.756



26, 4.014, 338.666



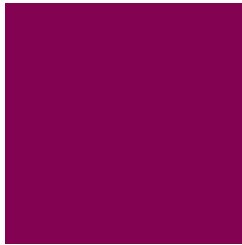
28, 53.622, 350.887



0, 0.953, 338.050

Previews

White Background



This preview shows how the CIE LCh color 28, 53.684, 350.566 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, 53.684, 350.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

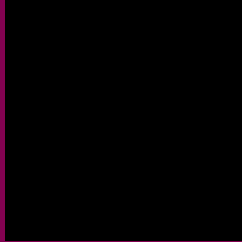
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 53.684, 350.566

Background



This preview shows how black text looks on a background with the CIELCh color 28, 53.684, 350.566.



This preview shows how white text looks on a background with the CIELCh color 28, 53.684, 350.566.

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, 53.684, 350.566

Protanopia

30, 30.985, 285.074

Deuteranopia

29, 5.794, 317.686



Tritanopia
29, 47.373, 30.500

Trichromacy



Original Color
28, 53.684, 350.566

Protanomaly
25, 40.059, 314.637

Deuteranomaly
26, 29.889, 339.821

Tritanomaly
28, 47.366, 14.539

Monochromacy



Original Color
28, 53.684, 350.566

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 26.657, 343.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 53.684, 350.566 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(131, 2, 81)` looks like.

```
.text, #text, p{  
    color:rgb(131, 2, 81)  
}
```

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(131, 2, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 2, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 53.684, 350.566 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(131, 2, 81) }
```

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

```
.border{ border-color:rgb(131, 2, 81) }
```

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

Here you see how a box with a 4 pixel rgb(131, 2, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 2, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 2, 81);  
box-shadow:4px 4px 4px 4px rgb(131, 2, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 53.684, 350.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 2, 81) }
```

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

```
.background{ background-color: rgb(131, 2,  
81) }
```

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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