

Converting Colors

CIELCh(29, 53.709, 354.676)

Have a look what the booklet for
CIELCh(29, 53.709, 354.676)
contains.

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Color

CIELCh(29, 53.723, 354.569)

Conversions

Conversions Part 1

Format	Color
Hex	88044E
RGB	136, 4, 78
RGB Percent	53%, 2%, 31%
CMY	0.4676, 0.9861, 0.6949
CMYK	0.00, 0.97, 0.43, 0.47
HSL	326°, 95%, 27%
HSV	326°, 97%, 53%
XYZ	11.5206, 5.8380, 7.6900
YIQ	51.9040, 54.9180, 50.9980

Conversions

Conversions Part 2

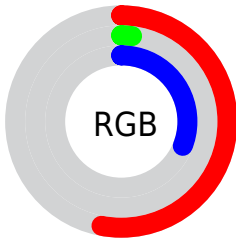
Format	Color
R_YB	136, 4, 78
Decimal	8913998
CIE Lab	29.00, 53.48, -5.08
CIE LCh	29, 53.723, 354.569
Yxy	5.8380, 0.4599, 0.2331
Android (android.graphics.Color)	4287104078 (0xFF88044E)
YUV	51.9040, 12.8653, 73.7522
Hunter-Lab	24.1619, 42.8271, -1.9569

Details

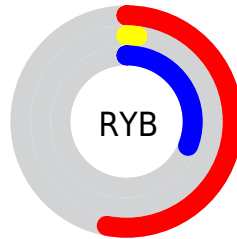
The CIELCh color **29, 53.723, 354.569** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49, 57.466, 147.369**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 53.652, 354.718**, and **15, 36.439, 4.523** is the 20% darker color. If you saturate the color by 10%, you get **29, 54.092, 355.305**, and if you desaturate by 10%, it is **30, 52.241, 351.790**.

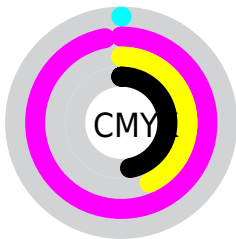
Distribution



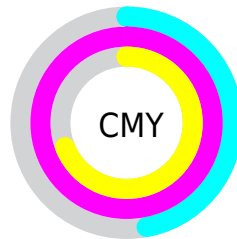
- Red (53%)
- Green (2%)
- Blue (31%)



- Red (53%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (97%)
- Yellow (43%)
- Black (47%)





- Cyan (47%)
- Magenta (99%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 53.723, 354.569 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 29, 53.723, 354.569 by changing the saturation by 10% instead.

 29, 53.723,
354.569


 29, 53.723,
354.569

 100, 53.723,
354.569


 19, 53.723,
354.569


 49, 53.723,
354.569

 9, 53.723, 354.569

 59, 53.723,
354.569

 0, 53.723, 354.569

 69, 53.723,
354.569

 79, 53.723,
354.569

 89, 53.723,
354.569

 99, 53.723,

354.569

■ 29, 53.723,
354.569

■ 29, 53.723,
354.569

■ 29, 54.092,
355.305

■ 30, 52.241,
351.790

■ 32, 49.424,
349.496

■ 34, 45.147,
347.643

■ 36, 39.681,
346.115

■ 39, 33.367,
344.824

■ 43, 26.529,
343.704

■ 46, 19.431,
342.712

■ 50, 12.266,
341.815

■ 54, 5.163, 340.974

Harmonies

Complementary

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



29, 53.723, 354.569



49, 57.466, 147.369

Rectangle

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



29, 53.723, 354.569



29, 53.723, 44.569



29, 53.723, 174.569



29, 53.723, 224.569

Sweetspot

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



29, 53.720, 354.570



58, 25.444, 342.926



19, 77.700, 310.777



29, 17.601, 343.293



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



29, 53.720, 354.570



38, 65.202, 356.142



28, 61.112, 35.521



27, 3.997, 341.124



28, 53.197, 355.221



0, 1.838, 340.470

Inverse Universe

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



29, 53.720, 354.570



38, 65.202, 356.142



51, 32.946, 187.114



27, 3.997, 341.124



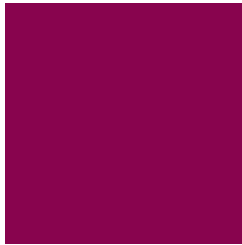
28, 53.197, 355.221



0, 1.838, 340.470

Previews

White Background



This preview shows how the CIE LCh color 29, 53.723, 354.569 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 29, 53.723, 354.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

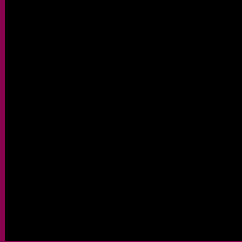
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 53.723, 354.569

Background



This preview shows how black text looks on a background with the CIELCh color 29, 53.723, 354.569.



This preview shows how white text looks on a background with the CIELCh color 29, 53.723, 354.569.

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
29, 53.723, 354.569

Protanopia
30, 26.985, 285.273

Deuteranopia
30, 4.442, 354.627



Tritanopia
30, 50.059, 31.200

Trichromacy



Original Color
29, 53.723, 354.569

Protanomaly
26, 37.423, 318.523

Deuteranomaly
27, 28.988, 346.920

Tritanomaly
29, 49.312, 16.655

Monochromacy



Original Color
29, 53.723, 354.569

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 26.872, 345.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 53.723, 354.569 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(136, 4, 78)` looks like.

```
.text, #text, p{  
  color:rgb(136, 4, 78)  
}
```

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(136, 4, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 4, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 53.723, 354.569 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(136, 4, 78) }
```

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

```
.border{ border-color:rgb(136, 4, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 4, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 4, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 4, 78);  
box-shadow:4px 4px 4px 4px rgb(136, 4, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 53.723, 354.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 4, 78) }
```

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

```
.background{ background-color: rgb(136, 4,  
78) }
```

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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