

Converting Colors

CIELCh(29, 6.716, 354.399)

Have a look what the booklet for
CIELCh(29, 6.716, 354.399) contains.

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Color

CIELCh(29, 6.651, 351.767)

Conversions

Conversions Part 1

Format	Color
Hex	4E4146
RGB	78, 65, 70
RGB Percent	31%, 25%, 27%
CMY	0.6942, 0.7452, 0.7256
CMYK	0.00, 0.17, 0.10, 0.69
HSL	337°, 9%, 28%
HSV	337°, 17%, 31%
XYZ	6.1331, 5.8380, 6.5936
YIQ	69.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

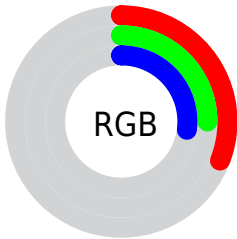
Format	Color
R_{YB}	78, 65, 70
Decimal	5128518
CIE Lab	29.00, 6.58, -0.95
CIE LCh	29, 6.651, 351.767
Yxy	5.8380, 0.3304, 0.3145
Android (android.graphics.Color)	4283318598 (0xFF4E4146)
YUV	69.4570, 0.2677, 7.4922
Hunter-Lab	24.1619, 3.0261, 0.7337

Details

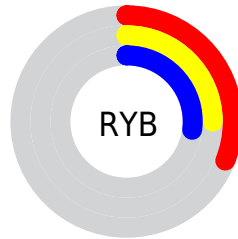
The CIELCh color **29, 6.651, 351.767** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 6.444, 169.022**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 6.428, 353.067**, and **9, 7.218, 351.043** is the 20% darker color. If you saturate the color by 10%, you get **27, 10.769, 352.785**, and if you desaturate by 10%, it is **31, 2.623, 350.831**.

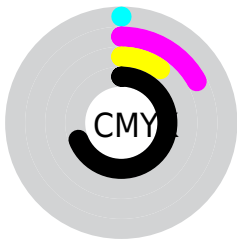
Distribution



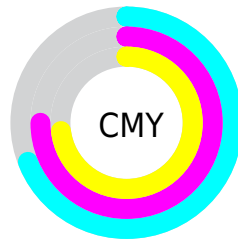
- Red (31%)
- Green (25%)
- Blue (27%)



- Red (31%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (69%)



- Cyan (69%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 6.651, 351.767 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, 6.651, 351.767 by changing the saturation by 10% instead.

■ 29, 6.651, 351.767

■ 29, 6.651, 351.767

■ 100, 6.651,
351.767

■ 19, 6.651, 351.767

■ 49, 6.651, 351.767

■ 9, 6.651, 351.767

■ 59, 6.651, 351.767

■ 0, 6.651, 351.767

■ 69, 6.651, 351.767

■ 79, 6.651, 351.767

■ 89, 6.651, 351.767

■ 99, 6.651, 351.767

■ 29, 6.651, 351.767

■ 29, 6.651, 351.767

27, 10.769,
352.785

31, 2.623, 350.831

24, 14.931,
353.934

34, 1.283, 170.299

37, 5.054, 169.444

22, 19.055,
355.266

39, 8.685, 168.766

20, 23.027,
356.842

42, 12.181,
168.153

18, 26.702,
358.742

44, 15.546,
167.589

17, 29.912, 1.074

47, 18.788,
167.068

15, 32.503, 3.964

49, 21.918,
166.584

14, 34.901, 6.996

52, 24.942,
166.133

Harmonies

Complementary

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



29, 6.651, 351.767



32, 6.444, 169.022

Rectangle

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



29, 6.651, 351.767



29, 6.651, 41.767



29, 6.651, 171.767



29, 6.651, 221.767

Sweetspot

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



29, 6.650, 351.771



42, 2.450, 350.682



29, 9.066, 313.117



20, 1.651, 350.720



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 6.650, 351.771



37, 10.017, 352.171



29, 5.438, 29.006



14, 2.166, 351.018



20, 43.164, 9.933



49, 78.721, 13.993

Inverse Universe

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



29, 6.650, 351.771



37, 10.017, 352.171



32, 4.920, 208.439



14, 2.166, 351.018



20, 43.164, 9.933



49, 78.721, 13.993

Previews

White Background



This preview shows how the CIELCh color 29, 6.651, 351.767 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, 6.651, 351.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

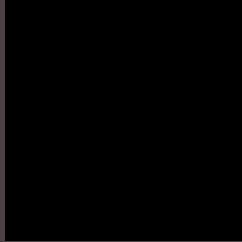
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 6.651, 351.767

Background



This preview shows how black text looks on a background with the CIELCh color 29, 6.651, 351.767.



This preview shows how white text looks on a background with the CIELCh color 29, 6.651, 351.767.

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, 6.651, 351.767

Protanopia

29, 2.621, 300.216

Deuteranopia

29, 4.404, 344.416



Tritanopia
29, 6.651, 351.767

Trichromacy



Original Color

29, 6.651, 351.767

Protanomaly

29, 3.407, 330.867

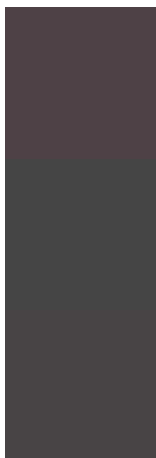
Deuteranomaly

29, 4.775, 347.667

Tritanomaly

29, 6.651, 351.767

Monochromacy



Original Color

29, 6.651, 351.767

Achromatopsia

29, 0.005, 296.813

Achromatomaly

29, 1.898, 359.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 6.651, 351.767 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(78, 65, 70)` looks like.

```
.text, #text, p{  
    color:rgb(78, 65, 70)  
}
```

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(78, 65, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 65, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 6.651, 351.767 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(78, 65, 70) }
```

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

```
.border{ border-color:rgb(78, 65, 70) }
```

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

Here you see how a box with a 4 pixel rgb(78, 65, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 65, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 65, 70);  
box-shadow:4px 4px 4px 4px rgb(78, 65, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 6.651, 351.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 65, 70) }
```

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

```
.background{ background-color: rgb(78, 65,  
70) }
```

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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