

Converting Colors

CIELCh(29, 5.194, 144.855)

Have a look what the booklet for
CIELCh(29, 5.194, 144.855) contains.

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Color

CIELCh(29, 4.987, 148.085)

Conversions

Conversions Part 1

Format	Color
Hex	3F4640
RGB	63, 70, 64
RGB Percent	25%, 27%, 25%
CMY	0.7522, 0.7248, 0.7483
CMYK	0.10, 0.00, 0.09, 0.72
HSL	129°, 5%, 26%
HSV	129°, 10%, 28%
XYZ	5.1934, 5.8380, 5.7303
YIQ	67.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

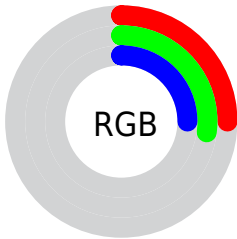
Format	Color
RYB	63, 69, 70
Decimal	4146752
CIELab	29.00, -4.23, 2.64
CIELCh	29, 4.987, 148.085
Yxy	5.8380, 0.3098, 0.3483
Android (android.graphics.Color)	4282336832 (0xFF3F4640)
YUV	67.2230, -1.5889, -3.7036
Hunter-Lab	24.1619, -3.9163, 2.8519

Details

The CIELCh color **29, 4.987, 148.085** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 5.000, 329.108**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 4.544, 148.311**, and **9, 4.859, 148.531** is the 20% darker color. If you saturate the color by 10%, you get **28, 10.030, 147.435**, and if you desaturate by 10%, it is **30, 0.014, 318.515**.

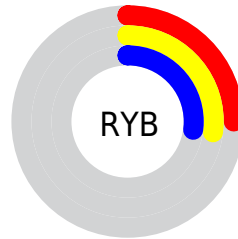
Distribution



Red (25%)

Green (27%)

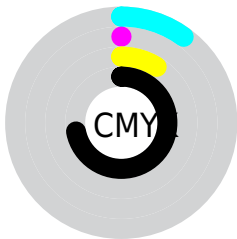
Blue (25%)



Red (25%)

Yellow (27%)

Blue (27%)

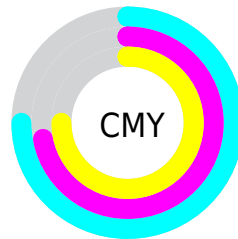


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 4.987, 148.085 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, 4.987, 148.085 by changing the saturation by 10% instead.

■ 29, 4.987, 148.085

■ 29, 4.987, 148.085

■ 100, 4.987,
148.085

■ 19, 4.987, 148.085

■ 49, 4.987, 148.085

■ 9, 4.987, 148.085

■ 59, 4.987, 148.085

■ 0, 4.987, 148.085

■ 69, 4.987, 148.085

■ 79, 4.987, 148.085

■ 89, 4.987, 148.085

■ 99, 4.987, 148.085

■ 29, 4.987, 148.085

■ 29, 4.987, 148.085

■ 28, 10.030,
147.435

■ 30, 0.014, 318.515

■ 28, 15.064,
146.702

■ 31, 4.938, 329.067

■ 27, 20.027,
145.866

■ 32, 9.759, 329.505

■ 26, 24.843,
144.916

■ 33, 14.459,
329.883

■ 26, 29.426,
143.848

■ 34, 19.027,
330.215

■ 26, 33.677,
142.667

■ 35, 23.460,
330.510

■ 25, 37.493,
141.394

■ 36, 27.755,
330.772

■ 25, 40.800,
140.122

■ 37, 31.915,
331.007

■ 25, 43.737,

■ 38, 35.943,
331.219

139.275

Harmonies

Complementary

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



29, 4.987, 148.085



28, 5.000, 329.108

Rectangle

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



29, 4.987, 148.085



29, 4.987, 198.085



29, 4.987, 328.085



29, 4.987, 18.085

Sweetspot

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



29, 4.988, 148.084



39, 1.862, 148.534



30, 4.498, 114.735



19, 1.392, 148.491



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



29, 4.988, 148.084



38, 7.505, 147.928



29, 3.502, 170.768



14, 2.822, 148.169



36, 56.703, 138.392



79, 106.243, 137.330

Inverse Universe

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



28, 5.000, 329.108



36, 7.523, 329.247



28, 3.574, 352.269



13, 2.829, 329.031



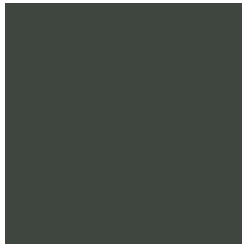
21, 52.135, 334.435



52, 94.497, 334.975

Previews

White Background



This preview shows how the CIELCh color 29, 4.987, 148.085 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, 4.987, 148.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

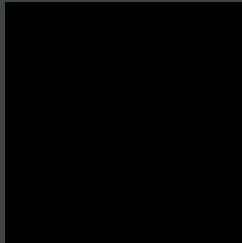
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

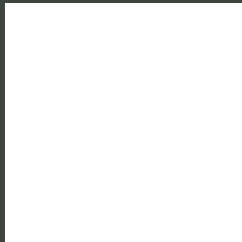
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 4.987, 148.085

Background



This preview shows how black text looks on a background with the CIELCh color 29, 4.987, 148.085.

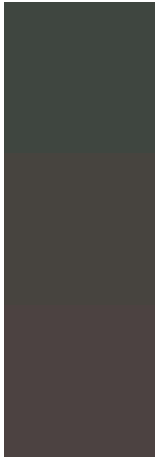


This preview shows how white text looks on a background with the CIELCh color 29, 4.987, 148.085.

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

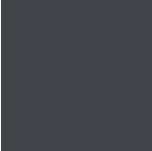
29, 4.987, 148.085

Protanopia

29, 3.481, 86.348

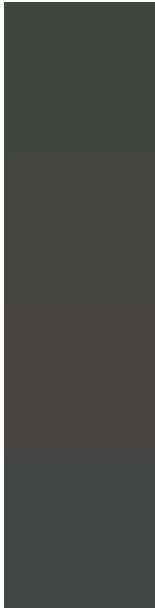
Deuteranopia

29, 4.619, 28.061



Tritanopia
29, 3.606, 262.701

Trichromacy



Original Color

29, 4.987, 148.085

Protanomaly

29, 3.875, 116.155

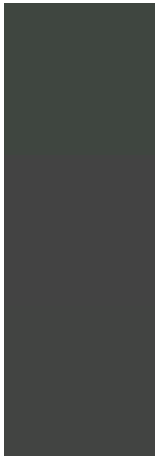
Deuteranomaly

29, 2.346, 74.433

Tritanomaly

29, 2.245, 215.888

Monochromacy



Original Color

29, 4.987, 148.085

Achromatopsia

28, 0.004, 296.813

Achromatomaly

29, 1.571, 144.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 4.987, 148.085 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(63, 70, 64)` looks like.

```
.text, #text, p{  
    color:rgb(63, 70, 64)  
}
```

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(63, 70, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 70, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 4.987, 148.085 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(63, 70, 64) }
```

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

```
.border{ border-color:rgb(63, 70, 64) }
```

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

Here you see how a box with a 4 pixel rgb(63, 70, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 70, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 70, 64);  
box-shadow:4px 4px 4px 4px rgb(63, 70, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 4.987, 148.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 70, 64) }
```

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

```
.background{ background-color: rgb(63, 70,  
64) }
```

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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