

Converting Colors

CIELCh(25, 28.987, 4.074)

Have a look what the booklet for
CIELCh(25, 28.987, 4.074) contains.

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Color

CIELCh(25, 29.184, 4.161)

Conversions

Conversions Part 1

Format	Color
Hex	632739
RGB	99, 39, 57
RGB Percent	39%, 15%, 22%
CMY	0.6112, 0.8466, 0.7760
CMYK	0.00, 0.61, 0.42, 0.61
HSL	342°, 43%, 27%
HSV	342°, 61%, 39%
XYZ	6.6307, 4.4155, 4.3885
YIQ	58.9920, 29.9820, 18.3180

Conversions

Conversions Part 2

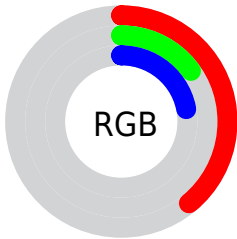
Format	Color
R_{YB}	99, 39, 57
Decimal	6498105
CIE Lab	25.00, 29.11, 2.12
CIE LCh	25, 29.184, 4.161
Yxy	4.4155, 0.4296, 0.2861
Android (android.graphics.Color)	4284688185 (0xFF632739)
YUV	58.9920, -0.9821, 35.0870
Hunter-Lab	21.0130, 19.5535, 2.3267

Details

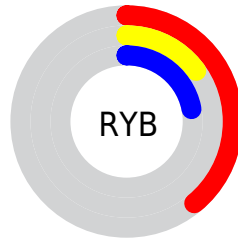
The CIELCh color **25, 29.184, 4.161** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38, 24.685, 169.648**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 29.053, 3.922**, and **6, 25.632, 8.627** is the 20% darker color. If you saturate the color by 10%, you get **23, 33.511, 6.674**, and if you desaturate by 10%, it is **27, 24.458, 2.136**.

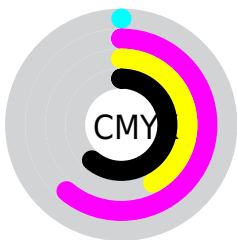
Distribution



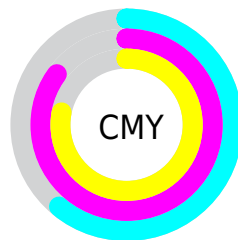
- Red (39%)
- Green (15%)
- Blue (22%)



- Red (39%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (42%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 29.184, 4.161 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 25, 29.184, 4.161 by changing the saturation by 10% instead.

 25, 29.184, 4.161  25, 29.184, 4.161

 100, 29.184, 4.161  15, 29.184, 4.161

 45, 29.184, 4.161  5, 29.184, 4.161

 55, 29.184, 4.161  0, 29.184, 4.161

 65, 29.184, 4.161

 75, 29.184, 4.161

 85, 29.184, 4.161

 95, 29.184, 4.161

 25, 29.184, 4.161  25, 29.184, 4.161

 23, 33.511, 6.674  27, 24.458, 2.136

■ 21, 37.253, 9.809

■ 30, 19.530, 0.474

■ 20, 40.289, 13.698

■ 33, 14.552,
359.085

■ 19, 43.119, 17.417

■ 36, 9.637, 357.899

■ 39, 4.855, 356.854

■ 42, 0.244, 354.846

■ 45, 4.178, 175.298

■ 48, 8.408, 174.553

■ 51, 12.453,
173.898

Harmonies

Complementary

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



25, 29.184, 4.161



38, 24.685, 169.648

Rectangle

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



25, 29.184, 4.161



25, 29.184, 54.161



25, 29.184, 184.161



25, 29.184, 234.161

Sweetspot

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



25, 29.182, 4.163



47, 10.524, 357.683



24, 41.271, 318.017



23, 7.398, 357.921



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



25, 29.182, 4.163



30, 42.881, 8.055



27, 26.557, 40.253



18, 2.528, 356.684



22, 47.233, 18.323



51, 84.159, 22.162

Inverse Universe

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



25, 29.182, 4.163



30, 42.881, 8.055



34, 17.115, 223.881



18, 2.528, 356.684



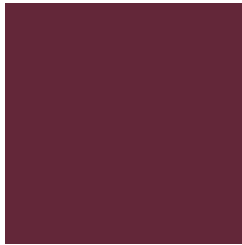
22, 47.233, 18.323



51, 84.159, 22.162

Previews

White Background



This preview shows how the CIE LCh color 25, 29.184, 4.161 looks on a white background.

Color Contrast Check

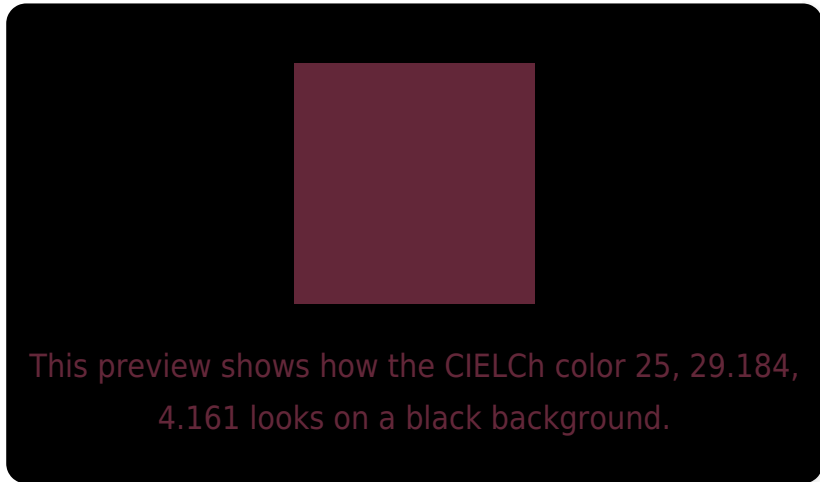
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

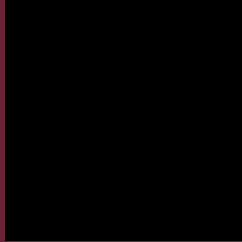
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 29.184, 4.161

Background



This preview shows how black text looks on a background with the CIELCh color 25, 29.184, 4.161.



This preview shows how white text looks on a background with the CIELCh color 25, 29.184, 4.161.

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

25, 29.184, 4.161

Protanopia

26, 5.924, 287.273

Deuteranopia

25, 5.447, 48.726



Tritanopia
25, 27.857, 23.311

Trichromacy



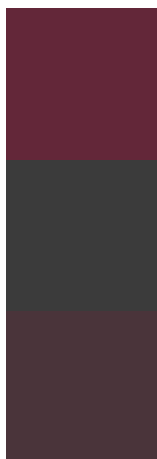
Original Color
25, 29.184, 4.161

Protanomaly
25, 13.036, 341.236

Deuteranomaly
25, 13.574, 11.247

Tritanomaly
25, 27.717, 15.765

Monochromacy



Original Color
25, 29.184, 4.161

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 10.978, 0.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 29.184, 4.161 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(99, 39, 57)` looks like.

```
.text, #text, p{  
    color:rgb(99, 39, 57)  
}
```

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(99, 39, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 39, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 29.184, 4.161 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(99, 39, 57) }
```

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

```
.border{ border-color:rgb(99, 39, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 39, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 39, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 39, 57);  
box-shadow:4px 4px 4px 4px rgb(99, 39, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 29.184, 4.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 39, 57) }
```

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

```
.background{ background-color: rgb(99, 39,  
57) }
```

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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