

Converting Colors

CIELCh(29, 25.473, 24.564)

Have a look what the booklet for
CIELCh(29, 25.473, 24.564) contains.

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Color

CIELCh(29, 25.398, 24.457)

Conversions

Conversions Part 1

Format	Color
Hex	693535
RGB	105, 53, 53
RGB Percent	41%, 21%, 21%
CMY	0.5874, 0.7914, 0.7915
CMYK	0.00, 0.49, 0.49, 0.59
HSL	0°, 33%, 31%
HSV	0°, 49%, 41%
XYZ	7.7789, 5.8380, 4.1066
YIQ	68.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

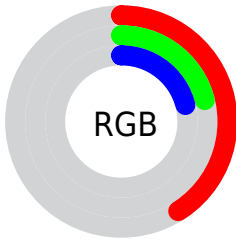
Format	Color
R_{YB}	105, 53, 53
Decimal	6894901
CIE Lab	29.00, 23.12, 10.52
CIE LCh	29, 25.398, 24.457
Yxy	5.8380, 0.4389, 0.3294
Android (android.graphics.Color)	4285084981 (0xFF693535)
YUV	68.5480, -7.6652, 31.9684
Hunter-Lab	24.1619, 15.1841, 6.8364

Details

The CIELCh color **29, 25.398, 24.457** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41, 18.138, 197.304**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 25.591, 25.211**, and **9, 25.469, 25.045** is the 20% darker color. If you saturate the color by 10%, you get **26, 31.317, 26.483**, and if you desaturate by 10%, it is **32, 19.650, 22.881**.

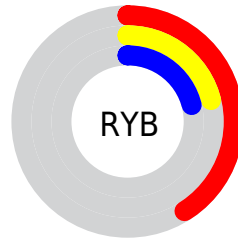
Distribution



Red (41%)

Green (21%)

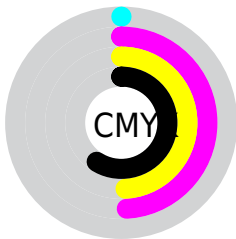
Blue (21%)



Red (41%)

Yellow (21%)

Blue (21%)

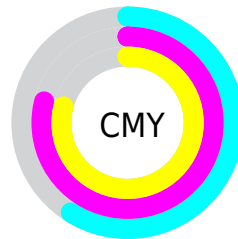


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (59%)



Cyan (59%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 25.398, 24.457 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, 25.398, 24.457 by changing the saturation by 10% instead.

■ 29, 25.398, 24.457

■ 29, 25.398, 24.457

■ 100, 25.398,
24.457

■ 19, 25.398, 24.457

■ 49, 25.398, 24.457

■ 9, 25.398, 24.457

■ 59, 25.398, 24.457

■ 0, 25.398, 24.457

■ 69, 25.398, 24.457

■ 79, 25.398, 24.457

■ 89, 25.398, 24.457

■ 99, 25.398, 24.457

■ 29, 25.398, 24.457

■ 29, 25.398, 24.457

■ 26, 31.317, 26.483

■ 32, 19.650, 22.881

■ 24, 37.263, 29.028

■ 35, 14.177, 21.653

■ 22, 43.033, 32.097

■ 38, 9.031, 20.690

■ 21, 47.933, 34.815

■ 41, 4.229, 19.904

■ 20, 51.668, 36.293

■ 45, 0.234, 200.877

■ 20, 51.875, 36.361

■ 48, 4.380, 199.014

■ 51, 8.235, 198.603

■ 55, 11.830,
198.286

■ 58, 15.193,
198.031

Harmonies

Complementary

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



29, 25.398, 24.457



41, 18.138, 197.304

Rectangle

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



29, 25.398, 24.457



29, 25.398, 74.457



29, 25.398, 204.457



29, 25.398, 254.457

Sweetspot

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



29, 25.397, 24.460



51, 8.556, 20.359



31, 37.617, 326.883



25, 5.826, 20.481



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



29, 25.397, 24.460



35, 38.864, 26.767



36, 20.848, 69.599



21, 2.546, 19.869



23, 56.949, 37.582



51, 101.389, 40.002

Inverse Universe

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



41, 18.138, 197.304



53, 25.413, 196.985



33, 18.221, 263.963



22, 2.414, 199.053



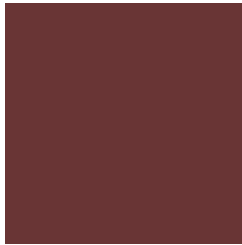
44, 28.228, 196.418



88, 48.574, 196.420

Previews

White Background



This preview shows how the CIELCh color 29, 25.398, 24.457 looks on a white background.

Color Contrast Check

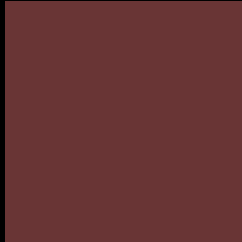
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 29, 25.398, 24.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

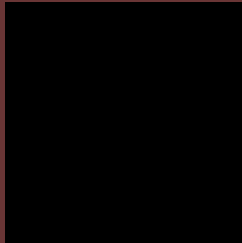
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 25.398, 24.457

Background



This preview shows how black text looks on a background with the CIELCh color 29, 25.398, 24.457.



This preview shows how white text looks on a background with the CIELCh color 29, 25.398, 24.457.

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, 25.398, 24.457

Protanopia

29, 5.297, 94.013

Deuteranopia

29, 12.528, 69.459



Tritanopia
29, 25.010, 20.238

Trichromacy



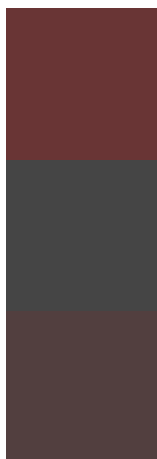
Original Color
29, 25.398, 24.457

Protanomaly
29, 10.610, 38.424

Deuteranomaly
29, 15.627, 42.971

Tritanomaly
29, 25.122, 21.660

Monochromacy



Original Color
29, 25.398, 24.457

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 8.852, 20.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 25.398, 24.457 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(105, 53, 53)` looks like.

```
.text, #text, p{  
    color:rgb(105, 53, 53)  
}
```

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(105, 53, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 53, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 25.398, 24.457 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(105, 53, 53) }
```

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

```
.border{ border-color:rgb(105, 53, 53) }
```

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

Here you see how a box with a 4 pixel rgb(105, 53, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 53, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 53, 53);  
box-shadow:4px 4px 4px 4px rgb(105, 53,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 25.398, 24.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 53, 53) }
```

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

```
.background{ background-color: rgb(105, 53,  
53) }
```

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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