

Converting Colors

CIELCh(27, 12.308, 326.991)

Have a look what the booklet for
CIELCh(27, 12.308, 326.991)
contains.

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Color

CIELCh(27, 11.996, 327.238)

Conversions

Conversions Part 1

Format	Color
Hex	4B3B4A
RGB	75, 59, 74
RGB Percent	29%, 23%, 29%
CMY	0.7065, 0.7692, 0.7104
CMYK	0.00, 0.21, 0.01, 0.71
HSL	304°, 12%, 26%
HSV	304°, 21%, 29%
XYZ	5.6757, 5.0937, 7.1343
YIQ	65.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

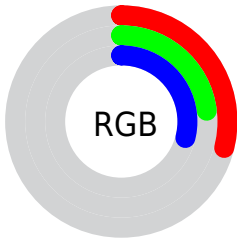
Format	Color
R_{YB}	75, 59, 74
Decimal	4930378
CIE Lab	27.00, 10.09, -6.49
CIE LCh	27, 11.996, 327.238
Yxy	5.0937, 0.3170, 0.2845
Android (android.graphics.Color)	4283120458 (0xFF4B3B4A)
YUV	65.4940, 4.1935, 8.3368
Hunter-Lab	22.5692, 5.3931, -2.9437

Details

The CIELCh color **27, 11.996, 327.238** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 11.980, 144.923**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 12.400, 326.733**, and **7, 11.759, 328.165** is the 20% darker color. If you saturate the color by 10%, you get **25, 17.602, 327.751**, and if you desaturate by 10%, it is **29, 6.358, 326.718**.

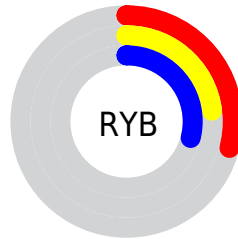
Distribution



Red (29%)

Green (23%)

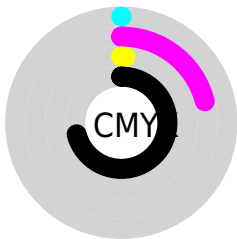
Blue (29%)



Red (29%)

Yellow (23%)

Blue (29%)

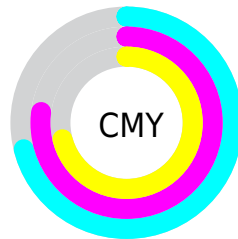


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (71%)



Cyan (71%)


Magenta (77%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 11.996, 327.238 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 27, 11.996, 327.238 by changing the saturation by 10% instead.

 27, 11.996,
327.238


 27, 11.996,
327.238

 100, 11.996,
327.238


 17, 11.996,
327.238


 47, 11.996,
327.238


 7, 11.996, 327.238

 57, 11.996,
327.238

 0, 11.996, 327.238

 67, 11.996,
327.238

 77, 11.996,
327.238

 87, 11.996,
327.238

 97, 11.996,

327.238

■ 27, 11.996,
327.238

■ 27, 11.996,
327.238

■ 25, 17.602,
327.751

■ 29, 6.358, 326.718

■ 23, 23.079,
328.253

■ 32, 0.763, 326.056

■ 21, 28.297,
328.736

■ 34, 4.743, 145.767

■ 36, 10.129,
145.272

■ 19, 33.092,
329.192

■ 39, 15.380,
144.805

■ 18, 37.282,
329.613

■ 41, 20.486,
144.361

■ 17, 40.687,
329.993

■ 43, 25.445,
143.938

■ 16, 43.298,
330.335

■ 46, 30.260,
143.538

■ 15, 45.573,
330.619

■ 48, 34.936,
143.160

Harmonies

Complementary

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



27, 11.996, 327.238



30, 11.980, 144.923

Rectangle

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



27, 11.996, 327.238



27, 11.996, 17.238



27, 11.996, 147.238



27, 11.996, 197.238

Sweetspot

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



27, 11.995, 327.238



39, 4.145, 326.439



25, 10.540, 294.107



19, 2.713, 326.451



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 11.995, 327.238



34, 18.084, 327.526



27, 8.605, 348.183



14, 3.174, 326.575



23, 56.302, 330.731



54, 101.546, 330.923

Inverse Universe

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



27, 11.995, 327.238



34, 18.084, 327.526



30, 8.348, 164.720



14, 3.174, 326.575



23, 56.302, 330.731



54, 101.546, 330.923

Previews

White Background



This preview shows how the CIELCh color 27, 11.996, 327.238 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 27, 11.996, 327.238 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 27, 11.996, 327.238

Background



This preview shows how black text looks on a background with the CIELCh color 27, 11.996, 327.238.



This preview shows how white text looks on a background with the CIELCh color 27, 11.996, 327.238.

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

27, 11.996, 327.238

Protanopia

27, 9.144, 286.847

Deuteranopia

27, 7.405, 304.904



Tritanopia
27, 7.139, 353.751

Trichromacy



Original Color
27, 11.996, 327.238

Protanomaly
27, 10.059, 304.097

Deuteranomaly
27, 8.591, 315.277

Tritanomaly
27, 8.146, 341.334

Monochromacy



Original Color
27, 11.996, 327.238

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 4.220, 329.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 11.996, 327.238 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(75, 59, 74)` looks like.

```
.text, #text, p{  
    color:rgb(75, 59, 74)  
}
```

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(75, 59, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 59, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 11.996, 327.238 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(75, 59, 74) }
```

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

```
.border{ border-color:rgb(75, 59, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 59, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 59, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 59, 74);  
box-shadow:4px 4px 4px 4px rgb(75, 59, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 11.996, 327.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 59, 74) }
```

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

```
.background{ background-color: rgb(75, 59,  
74) }
```

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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