

Converting Colors

CIELCh(36, 22.782, 326.633)

Have a look what the booklet for
CIELCh(36, 22.782, 326.633)
contains.

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Color

CIELCh(36, 23.073, 326.853)

Conversions

Conversions Part 1

Format	Color
Hex	6A4A69
RGB	106, 74, 105
RGB Percent	42%, 29%, 41%
CMY	0.5838, 0.7093, 0.5877
CMYK	0.00, 0.30, 0.01, 0.58
HSL	302°, 18%, 35%
HSV	302°, 30%, 42%
XYZ	10.9721, 9.0082, 14.5590
YIQ	87.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

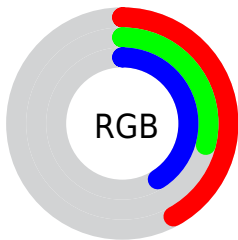
Format	Color
R_{YB}	106, 74, 105
Decimal	6965865
CIE _{Lab}	36.00, 19.32, -12.62
CIE _{LCh}	36, 23.073, 326.853
Yxy	9.0082, 0.3177, 0.2608
Android (android.graphics.Color)	4285155945 (0xFF6A4A69)
YUV	87.1020, 8.8237, 16.5735
Hunter-Lab	30.0136, 12.7309, -7.7508

Details

The CIELCh color $36, 23.073, 326.853$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $42, 23.067, 143.312$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $56, 23.096, 327.226$, and $16, 23.335, 326.715$ is the 20% darker color. If you saturate the color by 10%, you get $33, 30.522, 327.358$, and if you desaturate by 10%, it is $39, 15.430, 326.331$.

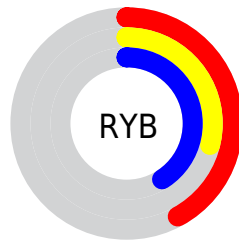
Distribution



Red (42%)

Green (29%)

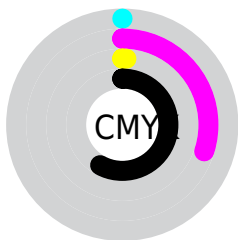
Blue (41%)



Red (42%)

Yellow (29%)

Blue (41%)

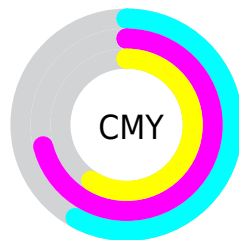


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (58%)



Cyan (58%)


Magenta (71%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 23.073, 326.853 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 36, 23.073, 326.853 by changing the saturation by 10% instead.


 36, 23.073,
326.853


 36, 23.073,
326.853

 100, 23.073,
326.853


 26, 23.073,
326.853

 56, 23.073,
326.853


 16, 23.073,
326.853


 66, 23.073,
326.853

 6, 23.073, 326.853

 76, 23.073,
326.853

 0, 23.073, 326.853

 86, 23.073,
326.853

 96, 23.073,
326.853

■ 36, 23.073,
326.853

■ 36, 23.073,
326.853

■ 33, 30.522,
327.358

■ 39, 15.430,
326.331

■ 31, 37.583,
327.834

■ 42, 7.746, 325.795

■ 29, 44.011,
328.269

■ 45, 0.124, 323.951

■ 48, 7.364, 144.808

■ 27, 49.537,
328.651

■ 51, 14.678,
144.302

■ 26, 53.906,
328.973

■ 54, 21.792,
143.823

■ 25, 56.942,
329.231

■ 58, 28.696,
143.368

■ 24, 59.247,
329.450

■ 61, 35.390,
142.938

■ 64, 41.877,
142.532

Harmonies

Complementary

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



36, 23.073, 326.853



42, 23.067, 143.312

Rectangle

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



36, 23.073, 326.853



36, 23.073, 16.853



36, 23.073, 146.853



36, 23.073, 196.853

Sweetspot

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



36, 23.072, 326.853



54, 8.495, 325.746



33, 20.232, 294.176



27, 5.862, 325.806



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



36, 23.072, 326.853



44, 33.979, 327.200



35, 16.663, 347.223



21, 4.314, 325.730



27, 63.598, 329.464



58, 109.287, 329.540

Inverse Universe

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



36, 23.072, 326.853



44, 33.979, 327.200



42, 16.039, 161.921



21, 4.314, 325.730



27, 63.598, 329.464



58, 109.287, 329.540

Previews

White Background



This preview shows how the CIELCh color 36, 23.073, 326.853 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 36, 23.073, 326.853 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 36, 23.073, 326.853

Background



This preview shows how black text looks on a background with the CIELCh color 36, 23.073, 326.853.



This preview shows how white text looks on a background with the CIELCh color 36, 23.073, 326.853.

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

36, 23.073, 326.853

Protanopia

36, 17.488, 284.577

Deuteranopia

36, 12.451, 293.994



Tritanopia
36, 11.568, 2.632

Trichromacy



Original Color
36, 23.073, 326.853

Protanomaly
36, 18.993, 302.363

Deuteranomaly
36, 15.740, 310.088

Tritanomaly
36, 14.729, 342.828

Monochromacy



Original Color
36, 23.073, 326.853

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 9.008, 325.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 23.073, 326.853 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(106, 74, 105)` looks like.

```
.text, #text, p{  
    color:rgb(106, 74, 105)  
}
```

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(106, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 74, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 23.073, 326.853 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(106, 74, 105) }
```

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

```
.border{ border-color:rgb(106, 74, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 74, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 74, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 74, 105);  
box-shadow:4px 4px 4px 4px rgb(106, 74,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 23.073, 326.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 74, 105) }
```

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

```
.background{ background-color: rgb(106, 74,  
105) }
```

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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