

Converting Colors

CIELCh(42, 26.055, 302.184)

Have a look what the booklet for
CIELCh(42, 26.055, 302.184)
contains.

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Color

CIELCh(42, 25.816, 302.566)

Conversions

Conversions Part 1

Format	Color
Hex	685D87
RGB	104, 93, 135
RGB Percent	41%, 36%, 53%
CMY	0.5925, 0.6356, 0.4709
CMYK	0.23, 0.31, 0.00, 0.47
HSL	256°, 18%, 45%
HSV	256°, 31%, 53%
XYZ	13.9742, 12.5000, 24.5670
YIQ	101.0770, -6.9260, 15.3940

Conversions

Conversions Part 2

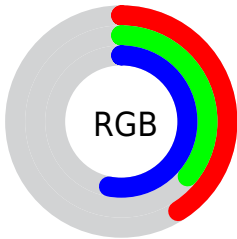
Format	Color
RYB	104, 93, 135
Decimal	6839687
CIELab	42.00, 13.90, -21.76
CIElCh	42, 25.816, 302.566
Yxy	12.5000, 0.2738, 0.2449
Android (android.graphics.Color)	4285029767 (0xFF685D87)
YUV	101.0770, 16.7240, 2.5635
Hunter-Lab	35.3553, 8.6803, -16.4495

Details

The CIELCh color $42, 25.816, 302.566$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 24.233, 118.507$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 25.804, 302.968$, and $22, 25.787, 302.800$ is the 20% darker color. If you saturate the color by 10%, you get $37, 34.679, 303.461$, and if you desaturate by 10%, it is $47, 17.218, 301.761$.

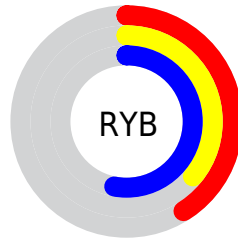
Distribution



Red (41%)

Green (36%)

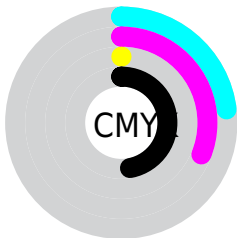
Blue (53%)



Red (41%)

Yellow (36%)

Blue (53%)

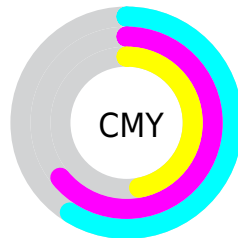


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (59%)


Magenta (64%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 25.816, 302.566 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 42, 25.816, 302.566 by changing the saturation by 10% instead.


 42, 25.816,
302.566


 42, 25.816,
302.566


 100, 25.816,
302.566


 32, 25.816,
302.566

 62, 25.816,
302.566


 22, 25.816,
302.566

 72, 25.816,
302.566

 12, 25.816,
302.566

 82, 25.816,
302.566

 2, 25.816, 302.566

 92, 25.816,
302.566

 0, 25.816, 302.566

 42, 25.816,

 42, 25.816,

302.566

37, 34.679,
303.461

33, 43.747,
304.432

29, 52.871,
305.444

25, 61.753,
306.422

21, 69.861,
307.248

18, 76.404,
307.749

16, 81.180,
308.083

302.566

47, 17.218,
301.761

51, 8.911, 301.047

56, 0.892, 300.397

60, 6.848, 119.885

65, 14.321,
119.411

69, 21.545,
119.002

74, 28.533,
118.648

78, 35.300,
118.344

83, 41.860,

Harmonies

Complementary

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



42, 25.816, 302.566



54, 24.233, 118.507

Rectangle

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



42, 25.816, 302.566



42, 25.816, 352.566



42, 25.816, 122.566



42, 25.816, 172.566

Sweetspot

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



42, 25.815, 302.566



67, 8.925, 300.920



50, 12.642, 227.634



34, 6.264, 301.005



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



42, 25.815, 302.566



51, 38.552, 303.157



44, 27.842, 318.592



26, 4.438, 300.914



15, 79.019, 308.114



0, 1.047, 300.359

Inverse Universe

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



45, 24.745, 334.862



55, 36.419, 335.359



53, 27.348, 135.793



26, 4.390, 333.332



28, 57.745, 341.650



0, 1.044, 332.786

Previews

White Background



This preview shows how the CIELCh color 42, 25.816, 302.566 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 × Fail

Black Background



This preview shows how the CIELCh color 42, 25.816, 302.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

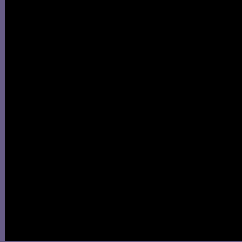
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 25.816, 302.566

Background



This preview shows how black text looks on a background with the CIELCh color 42, 25.816, 302.566.



This preview shows how white text looks on a background with the CIELCh color 42, 25.816, 302.566.

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

42, 25.816, 302.566

Protanopia

42, 24.896, 285.146

Deuteranopia

42, 21.867, 285.081



Tritanopia
42, 4.231, 290.810

Trichromacy



Original Color
42, 25.816, 302.566

Protanomaly
42, 25.390, 291.476

Deuteranomaly
42, 22.987, 291.729

Tritanomaly
42, 12.229, 299.214

Monochromacy



Original Color
42, 25.816, 302.566

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 9.228, 301.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 25.816, 302.566 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(104, 93, 135)` looks like.

```
.text, #text, p{  
    color:rgb(104, 93, 135)  
}
```

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(104, 93, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 93, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 25.816, 302.566 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(104, 93, 135) }
```

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

```
.border{ border-color:rgb(104, 93, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 93, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 93, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 93, 135); box-shadow:4px 4px 4px 4px rgb(104, 93, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 25.816, 302.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 93, 135) }
```

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

```
.background{ background-color: rgb(104, 93,  
135) }
```

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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