

Converting Colors

CIELCh(43, 25.045, 304.914)

Have a look what the booklet for
CIELCh(43, 25.045, 304.914)
contains.

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Color

CIELCh(43, 25.324, 305.172)

Conversions

Conversions Part 1

Format	Color
Hex	6D5F88
RGB	109, 95, 136
RGB Percent	43%, 37%, 53%
CMY	0.5734, 0.6282, 0.4675
CMYK	0.20, 0.30, 0.00, 0.47
HSL	260°, 18%, 45%
HSV	260°, 30%, 53%
XYZ	14.7839, 13.1578, 24.9733
YIQ	103.8600, -4.8170, 15.7190

Conversions

Conversions Part 2

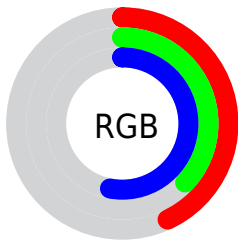
Format	Color
R_{YB}	109, 95, 136
Decimal	7167880
CIE _{Lab}	43.00, 14.59, -20.70
CIE _{LCh}	43, 25.324, 305.172
Yxy	13.1578, 0.2794, 0.2487
Android (android.graphics.Color)	4285357960 (0xFF6D5F88)
YUV	103.8600, 15.8450, 4.5078
Hunter-Lab	36.2736, 9.2719, -15.4279

Details

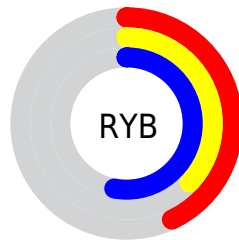
The CIELCh color `43, 25.324, 305.172` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `55, 23.967, 121.756`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `63, 24.756, 304.962`, and `23, 25.139, 305.413` is the 20% darker color. If you saturate the color by 10%, you get `39, 34.212, 305.909`, and if you desaturate by 10%, it is `48, 16.666, 304.496`.

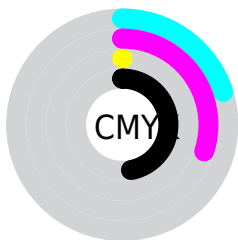
Distribution



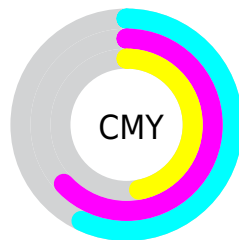
- Red (43%)
- Green (37%)
- Blue (53%)



- Red (43%)
- Yellow (37%)
- Blue (53%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)





- Cyan (57%)
- Magenta (63%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.324, 305.172 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 43, 25.324, 305.172 by changing the saturation by 10% instead.


 43, 25.324,
305.172


 43, 25.324,
305.172


 100, 25.324,
305.172


 33, 25.324,
305.172

 63, 25.324,
305.172


 23, 25.324,
305.172

 73, 25.324,
305.172

 13, 25.324,
305.172

 83, 25.324,
305.172

 3, 25.324, 305.172

 93, 25.324,
305.172

 0, 25.324, 305.172

 43, 25.324,

 43, 25.324,

305.172

■ 39, 34.212,
305.909

■ 34, 43.254,
306.692

■ 30, 52.290,
307.483

■ 26, 61.023,
308.217

■ 22, 68.958,
308.790

■ 20, 75.394,
309.060

■ 17, 80.448,
309.156

305.172

■ 48, 16.666,
304.496

■ 52, 8.273, 303.888

■ 57, 0.154, 303.047

■ 61, 7.696, 122.891

■ 65, 15.286,
122.476

■ 70, 22.630,
122.116

■ 74, 29.740,
121.805

■ 79, 36.629,
121.537

■ 83, 43.313,

Harmonies

Complementary

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



43, 25.324, 305.172



55, 23.967, 121.756

Rectangle

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



43, 25.324, 305.172



43, 25.324, 355.172



43, 25.324, 125.172



43, 25.324, 175.172

Sweetspot

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



43, 25.323, 305.172



67, 9.020, 303.831



50, 12.417, 239.002



34, 6.330, 303.906



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 25.323, 305.172



52, 37.692, 305.652



45, 27.660, 321.119



27, 4.630, 303.830



17, 79.055, 309.179



0, 2.119, 303.345

Inverse Universe

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



45, 22.851, 338.223



55, 33.613, 338.783



53, 27.367, 138.203



27, 4.280, 336.599



29, 55.698, 347.325



0, 1.971, 336.006

Previews

White Background



This preview shows how the CIELCh color 43, 25.324, 305.172 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 43, 25.324, 305.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

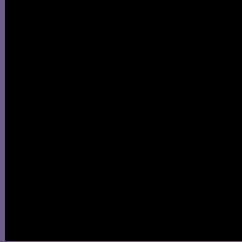
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.324, 305.172

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.324, 305.172.



This preview shows how white text looks on a background with the CIELCh color 43, 25.324, 305.172.

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

43, 25.324, 305.172

Protanopia

43, 24.188, 285.491

Deuteranopia

43, 21.133, 286.483



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color
43, 25.324, 305.172

Protanomaly
43, 24.100, 292.749

Deuteranomaly
43, 22.316, 294.246

Tritanomaly
43, 12.511, 306.346

Monochromacy



Original Color
43, 25.324, 305.172

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.260, 303.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.324, 305.172 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(109, 95, 136)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 136)  
}
```

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(109, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.324, 305.172 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(109, 95, 136) }
```

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

```
.border{ border-color:rgb(109, 95, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 95, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 95, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 95, 136); box-shadow:4px 4px 4px 4px rgb(109, 95, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.324, 305.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 136) }
```

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

```
.background{ background-color: rgb(109, 95,  
136) }
```

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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