

Converting Colors

CIELCh(49, 24.973, 307.469)

Have a look what the booklet for
CIELCh(49, 24.973, 307.469)
contains.

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Color

CIELCh(49, 25.009, 307.478)

Conversions

Conversions Part 1

Format	Color
Hex	7E6D96
RGB	126, 109, 150
RGB Percent	49%, 43%, 59%
CMY	0.5056, 0.5723, 0.4115
CMYK	0.16, 0.27, 0.00, 0.41
HSL	265°, 16%, 51%
HSV	265°, 27%, 59%
XYZ	19.5980, 17.5941, 31.2436
YIQ	118.7570, -3.0290, 16.3550

Conversions

Conversions Part 2

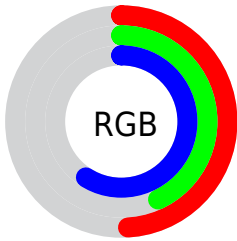
Format	Color
R_{YB}	126, 109, 150
Decimal	8285590
CIE _{Lab}	49.00, 15.22, -19.85
CIE _{LCh}	49, 25.009, 307.478
Yxy	17.5941, 0.2864, 0.2571
Android (android.graphics.Color)	4286475670 (0xFF7E6D96)
YUV	118.7570, 15.4028, 6.3521
Hunter-Lab	41.9453, 9.9961, -14.8013

Details

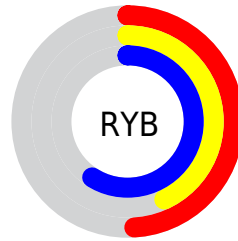
The CIELCh color `49, 25.009, 307.478` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `60, 23.930, 124.709`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `69, 24.586, 307.276`, and `29, 25.232, 307.415` is the 20% darker color. If you saturate the color by 10%, you get `44, 34.617, 308.100`, and if you desaturate by 10%, it is `54, 15.623, 306.899`.

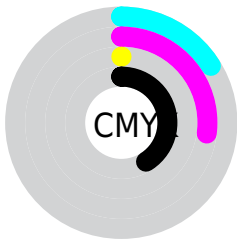
Distribution



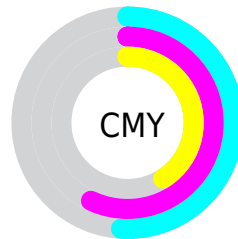
- Red (49%)
- Green (43%)
- Blue (59%)



- Red (49%)
- Yellow (43%)
- Blue (59%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (57%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 25.009, 307.478 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 49, 25.009, 307.478 by changing the saturation by 10% instead.

 49, 25.009,
307.478

 49, 25.009,
307.478


 100, 25.009,
307.478

 39, 25.009,
307.478

 69, 25.009,
307.478

 29, 25.009,
307.478

 79, 25.009,
307.478

 19, 25.009,
307.478

 89, 25.009,
307.478

 9, 25.009, 307.478

 99, 25.009,
307.478

 0, 25.009, 307.478

 49, 25.009,

 49, 25.009,

307.478

307.478

44, 34.617,
308.100

54, 15.623,
306.899

40, 44.360,
308.748

59, 6.506, 306.370

35, 54.065,
309.389

63, 2.330, 125.943

68, 10.884,
125.504

31, 63.428,
309.964

73, 19.163,
125.137

27, 71.962,
310.384

78, 27.180,
124.817

24, 78.990,
310.528

82, 34.947,
124.541

22, 84.062,
310.336

87, 42.478,
124.301

21, 85.386,
310.309

■ 92, 49.788,
124.096

Harmonies

Complementary

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



49, 25.009, 307.478



60, 23.930, 124.709

Rectangle

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



49, 25.009, 307.478



49, 25.009, 357.478



49, 25.009, 127.478



49, 25.009, 177.478

Sweetspot

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



49, 25.008, 307.478



75, 8.860, 306.413



54, 12.634, 247.460



39, 6.360, 306.486



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



49, 25.008, 307.478



60, 37.932, 307.869



51, 27.623, 322.998



29, 4.973, 306.465



19, 80.127, 310.393



0, 4.292, 306.030

Inverse Universe

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



51, 21.371, 341.513



63, 32.148, 342.114



58, 27.469, 140.150



29, 4.314, 339.966



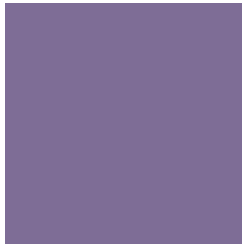
29, 55.152, 353.316



1, 3.739, 339.319

Previews

White Background



This preview shows how the CIELCh color 49, 25.009, 307.478 looks on a white background.

Color Contrast Check

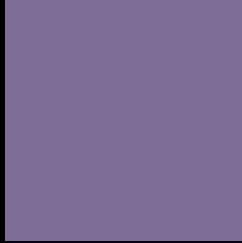
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 25.009, 307.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

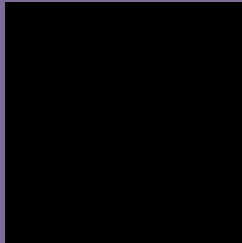
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 25.009, 307.478

Background



This preview shows how black text looks on a background with the CIELCh color 49, 25.009, 307.478.



This preview shows how white text looks on a background with the CIELCh color 49, 25.009, 307.478.

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

49, 25.009, 307.478

Protanopia

49, 23.592, 285.719

Deuteranopia

49, 20.580, 289.885



Tritanopia
49, 6.209, 321.709

Trichromacy



Original Color
49, 25.009, 307.478

Protanomaly
49, 23.527, 293.201

Deuteranomaly
49, 21.868, 296.731

Tritanomaly
49, 13.127, 310.572

Monochromacy



Original Color
49, 25.009, 307.478

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.257, 308.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 25.009, 307.478 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(126, 109, 150)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 150)  
}
```

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(126, 109, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 25.009, 307.478 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(126, 109, 150) }
```

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

```
.border{ border-color:rgb(126, 109, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 109, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 150);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 25.009, 307.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 150) }
```

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

```
.background{ background-color: rgb(126,  
109, 150) }
```

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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