

Converting Colors

CIELCh(74, 25.944, 279.498)

Have a look what the booklet for
CIELCh(74, 25.944, 279.498)
contains.

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Color

CIELCh(74, 25.963, 278.908)

Conversions

Conversions Part 1

Format	Color
Hex	A3B6E5
RGB	163, 182, 229
RGB Percent	64%, 71%, 90%
CMY	0.3621, 0.2876, 0.1034
CMYK	0.29, 0.21, 0.00, 0.10
HSL	223°, 56%, 77%
HSV	223°, 29%, 90%
XYZ	45.7852, 46.7039, 80.4685
YIQ	181.6770, -26.4110, 10.5890

Conversions

Conversions Part 2

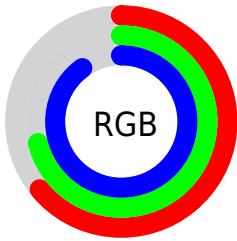
Format	Color
R _Y B	163, 178, 229
Decimal	10729189
CIE Lab	74.00, 4.02, -25.65
CIE LCh	74, 25.963, 278.908
Yxy	46.7039, 0.2647, 0.2700
Android (android.graphics.Color)	4288919269 (0xFFA3B6E5)
YUV	181.6770, 23.3302, -16.3797
Hunter-Lab	68.3403, -0.0078, -21.9739

Details

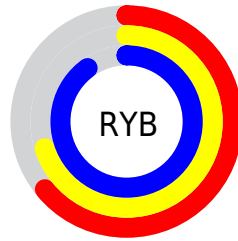
The CIELCh color $74, 25.963, 278.908$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $85, 25.730, 90.951$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.719, 254.278$, and $54, 25.866, 279.305$ is the 20% darker color. If you saturate the color by 10%, you get $68, 35.354, 280.915$, and if you desaturate by 10%, it is $80, 16.785, 277.192$.

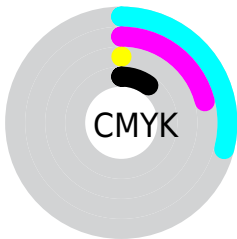
Distribution



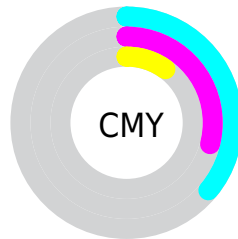
- Red (64%)
- Green (71%)
- Blue (90%)



- Red (64%)
- Yellow (70%)
- Blue (90%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.963, 278.908 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 74, 25.963, 278.908 by changing the saturation by 10% instead.

 74, 25.963,
278.908

 74, 25.963,
278.908

 100, 25.963,
278.908

 64, 25.963,
278.908

 94, 25.963,
278.908

 54, 25.963,
278.908

 44, 25.963,
278.908

 34, 25.963,
278.908

 24, 25.963,
278.908

 14, 25.963,
278.908

 4, 25.963, 278.908

■ 0, 25.963, 278.908

■ 74, 25.963,
278.908

■ 74, 25.963,
278.908

■ 68, 35.354,
280.915

■ 80, 16.785,
277.192

■ 62, 44.989,
283.256

■ 86, 7.807, 275.737

■ 57, 54.902,
285.954

■ 91, 0.984, 94.208

■ 97, 9.594, 93.331

■ 51, 65.121,
288.998

■ 99, 13.338,
109.170

■ 46, 75.626,
292.318

■ 42, 86.265,
295.758

■ 37, 96.647,
299.050

■ 37, 97.795,
299.388

Harmonies

Complementary

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



74, 25.963, 278.908



85, 25.730, 90.951

Rectangle

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



74, 25.963, 278.908



74, 25.963, 328.908



74, 25.963, 98.908



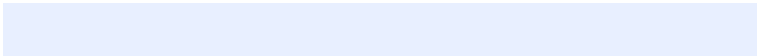
74, 25.963, 148.908

Sweetspot

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



74, 25.962, 278.907



94, 8.667, 275.763



86, 25.017, 173.116



49, 6.030, 275.961



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 25.962, 278.907



78, 34.644, 280.146



70, 36.546, 300.383



45, 5.023, 275.817



28, 79.948, 298.851



5, 26.807, 289.682

Inverse Universe

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



74, 27.132, 359.987



77, 36.252, 0.925



88, 34.262, 116.008



45, 5.165, 357.641



37, 67.434, 22.031



7, 26.649, 9.160

Previews

White Background



This preview shows how the CIELCh color 74, 25.963, 278.908 looks on a white background.

Color Contrast Check

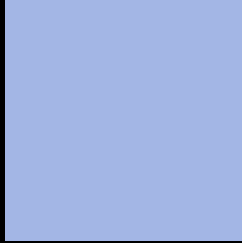
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 25.963, 278.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

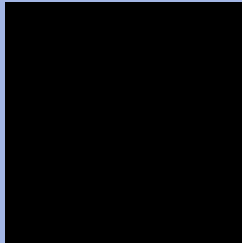
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.963, 278.908

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.963, 278.908.



This preview shows how white text looks on a background with the CIELCh color 74, 25.963, 278.908.

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

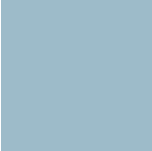
74, 25.963, 278.908

Protanopia

74, 25.578, 285.206

Deuteranopia

74, 27.654, 290.051



Tritanopia
74, 12.592, 235.954

Trichromacy



Original Color
74, 25.963, 278.908

Protanomaly
74, 25.713, 282.358

Deuteranomaly
74, 27.179, 286.528

Tritanomaly
74, 16.308, 259.108

Monochromacy



Original Color
74, 25.963, 278.908

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.492, 275.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.963, 278.908 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(163, 182, 229)` looks like.

```
.text, #text, p{  
    color:rgb(163, 182, 229)  
}
```

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(163, 182, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 182, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.963, 278.908 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(163, 182, 229) }
```

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

```
.border{ border-color:rgb(163, 182, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 182, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 182, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 182, 229);  
box-shadow:4px 4px 4px 4px rgb(163, 182,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.963, 278.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 182, 229) }
```

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

```
.background{ background-color: rgb(163,  
182, 229) }
```

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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