

Converting Colors

CIELCh(74, 24.258, 259.884)

Have a look what the booklet for
CIELCh(74, 24.258, 259.884)
contains.

CIELCh(74, 24.275, 259.916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 24.275, 259.916)

Conversions

Conversions Part 1

Format	Color
Hex	91BAE1
RGB	145, 186, 225
RGB Percent	57%, 73%, 88%
CMY	0.4305, 0.2697, 0.1167
CMYK	0.36, 0.17, 0.00, 0.12
HSL	209°, 57%, 73%
HSV	209°, 36%, 88%
XYZ	42.9475, 46.7039, 78.1549
YIQ	178.1870, -36.9550, 3.4370

Conversions

Conversions Part 2

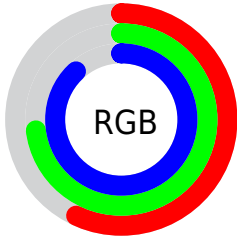
Format	Color
R_{YB}	145, 172, 225
Decimal	9550561
CIE _{Lab}	74.00, -4.25, -23.90
CIE _{LCh}	74, 24.275, 259.916
Yxy	46.7039, 0.2559, 0.2783
Android (android.graphics.Color)	4287740641 (0xFF91BAE1)
YUV	178.1870, 23.0788, -29.1050
Hunter-Lab	68.3403, -7.4196, -19.9667

Details

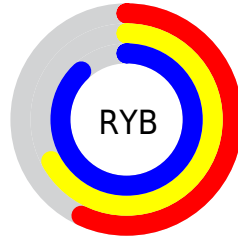
The CIELCh color **74, 24.275, 259.916** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 27.057, 69.691**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.879, 225.595**, and **54, 24.473, 260.108** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.804, 262.331**, and if you desaturate by 10%, it is **78, 17.590, 257.893**.

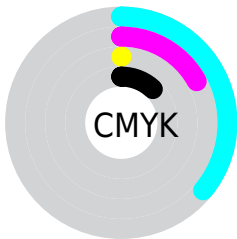
Distribution



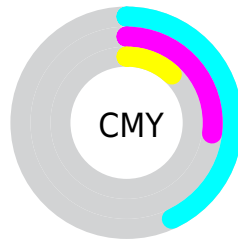
- Red (57%)
- Green (73%)
- Blue (88%)



- Red (57%)
- Yellow (67%)
- Blue (88%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)





- Cyan (43%)
- Magenta (27%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 24.275, 259.916 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, 24.275, 259.916 by changing the saturation by 10% instead.


 74, 24.275,
259.916


 74, 24.275,
259.916


 100, 24.275,
259.916


 64, 24.275,
259.916


 94, 24.275,
259.916

 54, 24.275,
259.916

 44, 24.275,
259.916

 34, 24.275,
259.916

 24, 24.275,
259.916

 14, 24.275,
259.916

 4, 24.275, 259.916

0, 24.275, 259.916

74, 24.275,
259.916

74, 24.275,
259.916

70, 30.804,
262.331

78, 17.590,
257.893

66, 37.173,
265.205

83, 10.775,
256.210

62, 43.404,
268.582

87, 3.858, 254.852

92, 3.129, 73.408

58, 49.555,
272.468

96, 9.559, 77.520

54, 55.725,
276.803

99, 13.663,
104.725

51, 62.030,
281.429

99, 15.058,
109.040

■ 49, 64.942,
283.454

Harmonies

Complementary

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



74, 24.275, 259.916



78, 27.057, 69.691

Rectangle

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



74, 24.275, 259.916



74, 24.275, 309.916



74, 24.275, 79.916



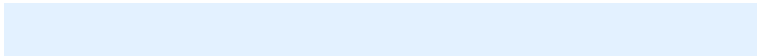
74, 24.275, 129.916

Sweetspot

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



74, 24.274, 259.914



95, 8.470, 255.560



84, 35.630, 159.369



50, 5.686, 255.753



0, 0.000, 0.000



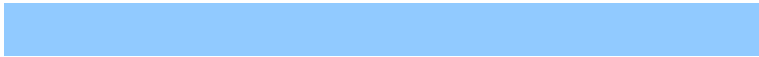
53, 0.007, 296.813

Same Dimension

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



74, 24.274, 259.914



79, 32.253, 261.756



64, 43.948, 294.169



45, 3.946, 255.338



39, 53.137, 282.642



8, 18.577, 273.275

Inverse Universe

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



69, 36.969, 346.376



73, 49.307, 347.348



88, 40.293, 106.019



44, 5.794, 343.724



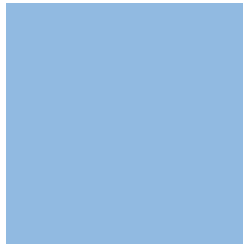
38, 64.323, 0.659



6, 26.560, 353.801

Previews

White Background



This preview shows how the CIELCh color 74, 24.275, 259.916 looks on a white background.

Color Contrast Check

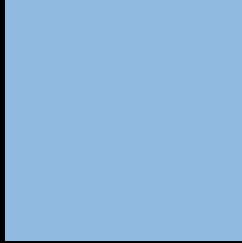
Large Text (above 18pt) WCAG AA × Fail

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, 24.275, 259.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

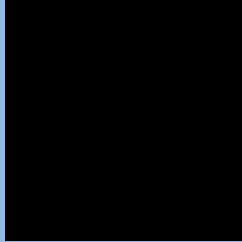
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

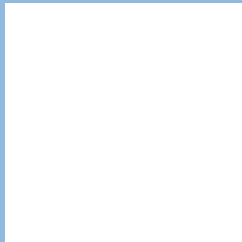
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 24.275, 259.916

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.275, 259.916.

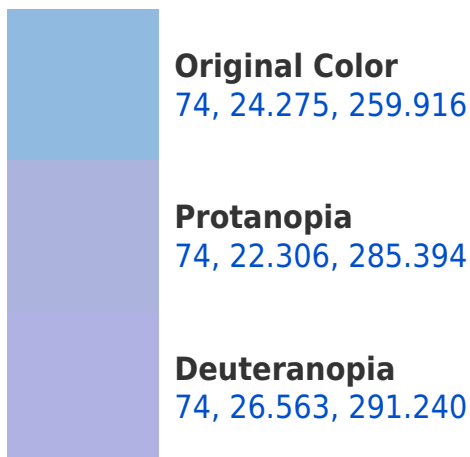


This preview shows how white text looks on a background with the CIELCh color 74, 24.275, 259.916.

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





Tritanopia
74, 18.092, 225.159

Trichromacy



Original Color
74, 24.275, 259.916

Protanomaly
74, 22.937, 275.700

Deuteranomaly
74, 24.764, 280.310

Tritanomaly
74, 19.303, 238.953

Monochromacy



Original Color
74, 24.275, 259.916

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.153, 255.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.275, 259.916 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(145, 186, 225)` looks like.

```
.text, #text, p{  
    color:rgb(145, 186, 225)  
}
```

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(145, 186, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 186, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.275, 259.916 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(145, 186, 225) }
```

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

```
.border{ border-color:rgb(145, 186, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 186, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 186, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 186, 225); box-shadow:4px 4px 4px 4px rgb(145, 186, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.275, 259.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 186, 225) }
```

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

```
.background{ background-color: rgb(145,  
186, 225) }
```

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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