

Converting Colors

CIELCh(74, 26.468, 251.187)

Have a look what the booklet for
CIELCh(74, 26.468, 251.187)
contains.

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Color

CIELCh(74, 26.286, 250.519)

Conversions

Conversions Part 1

Format	Color
Hex	84BDE3
RGB	132, 189, 227
RGB Percent	52%, 74%, 89%
CMY	0.4833, 0.2598, 0.1108
CMYK	0.42, 0.17, 0.00, 0.11
HSL	204°, 63%, 70%
HSV	204°, 42%, 89%
XYZ	41.4488, 46.7039, 79.3143
YIQ	176.2890, -46.1700, -0.2660

Conversions

Conversions Part 2

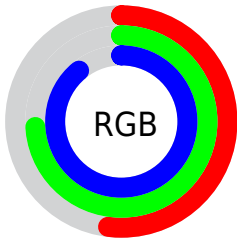
Format	Color
RYB	132, 168, 227
Decimal	8699363
CIELab	74.00, -8.77, -24.78
CIELCh	74, 26.286, 250.519
Yxy	46.7039, 0.2475, 0.2789
Android (android.graphics.Color)	4286889443 (0xFF84BDE3)
YUV	176.2890, 25.0005, -38.8415
Hunter-Lab	68.3403, -11.3340, -20.9726

Details

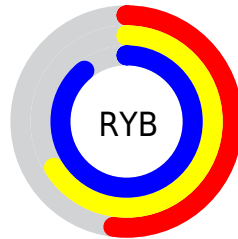
The CIELCh color **74, 26.286, 250.519** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 32.101, 59.744**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.966, 214.206**, and **54, 26.347, 250.831** is the 20% darker color. If you saturate the color by 10%, you get **70, 31.797, 253.083**, and if you desaturate by 10%, it is **78, 20.433, 248.414**.

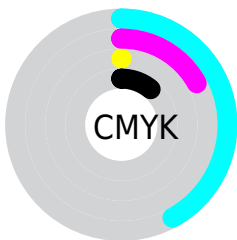
Distribution



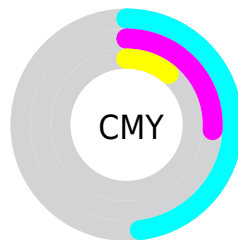
- Red (52%)
- Green (74%)
- Blue (89%)



- Red (52%)
- Yellow (66%)
- Blue (89%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)





- Cyan (48%)
- Magenta (26%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 26.286, 250.519 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, 26.286, 250.519 by changing the saturation by 10% instead.


 74, 26.286,
250.519

 74, 26.286,
250.519


 100, 26.286,
250.519


 64, 26.286,
250.519


 94, 26.286,
250.519

 54, 26.286,
250.519

 44, 26.286,
250.519

 34, 26.286,
250.519

 24, 26.286,
250.519

 14, 26.286,
250.519

 4, 26.286, 250.519

■ 0, 26.286, 250.519

■ 74, 26.286,
250.519

■ 74, 26.286,
250.519

■ 70, 31.797,
253.083

■ 78, 20.433,
248.414

■ 67, 36.952,
256.187

■ 82, 14.280,
246.696

■ 64, 41.775,
259.883

■ 85, 7.877, 245.308

■ 60, 46.346,
264.180

■ 89, 1.275, 244.462


■ 57, 50.805,
268.997

■ 93, 5.478, 63.025

■ 55, 54.486,
273.061

■ 96, 9.408, 82.193

■ 99, 12.955,
104.720

 99, 14.299,
109.097

Harmonies

Complementary

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



74, 26.286, 250.519



74, 32.101, 59.744

Rectangle

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



74, 26.286, 250.519



74, 26.286, 300.519



74, 26.286, 70.519



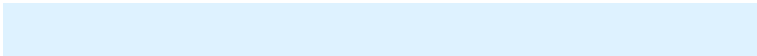
74, 26.286, 120.519

Sweetspot

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



74, 26.285, 250.517



94, 9.454, 245.457



83, 45.491, 153.926



49, 6.594, 245.746



0, 0.000, 0.000



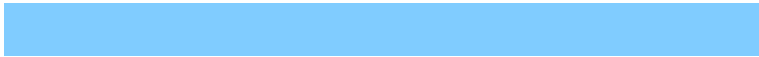
53, 0.007, 296.813

Same Dimension

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



74, 26.285, 250.517



79, 33.830, 252.647



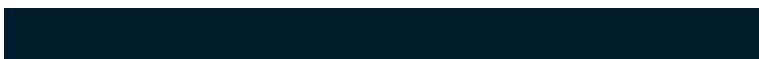
62, 47.106, 291.191



45, 3.742, 245.016



43, 44.472, 272.141



10, 16.123, 262.131

Inverse Universe

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



67, 46.060, 342.316



70, 59.718, 343.288



85, 43.377, 100.414



44, 6.155, 339.305



38, 66.204, 352.768



7, 27.695, 347.587

Previews

White Background



This preview shows how the CIE LCh color 74, 26.286, 250.519 looks on a white background.

Color Contrast Check

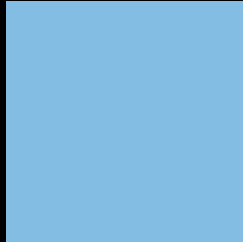
Large Text (above 18pt) WCAG AA × Fail

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, 26.286, 250.519 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, 26.286, 250.519

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.286, 250.519.



This preview shows how white text looks on a background with the CIELCh color 74, 26.286, 250.519.

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, 26.286, 250.519

Protanopia

74, 22.300, 286.251

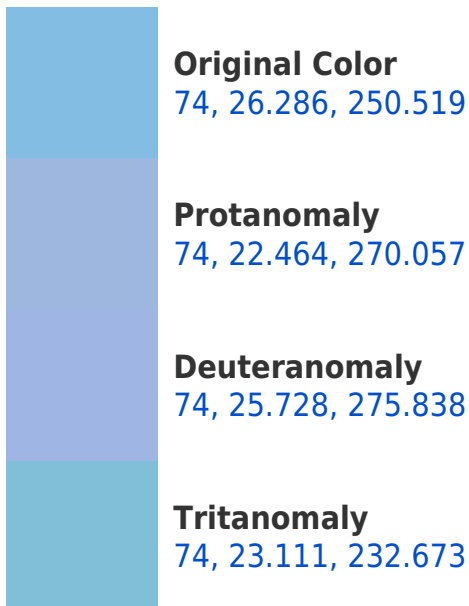
Deuteranopia

74, 27.654, 290.051

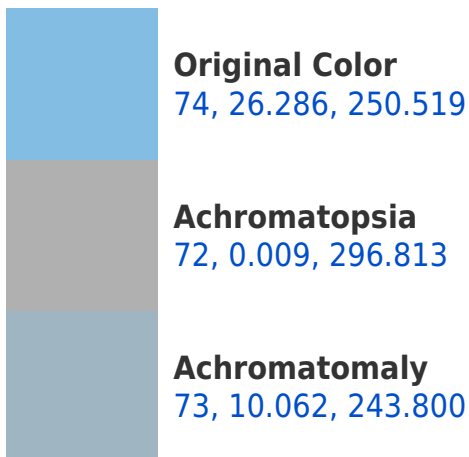


Tritanopia
74, 22.333, 220.996

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.286, 250.519 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(132, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 227)  
}
```

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(132, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.286, 250.519 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(132, 189, 227) }
```

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

```
.border{ border-color:rgb(132, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 189, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 189, 227); box-shadow:4px 4px 4px 4px rgb(132, 189, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.286, 250.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 227) }
```

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

```
.background{ background-color: rgb(132,  
189, 227) }
```

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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