

Converting Colors

CIELCh(94, 7.709, 230.343)

Have a look what the booklet for
CIELCh(94, 7.709, 230.343) contains.

CIELCh(94, 7.604, 231.996)	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(94, 7.604, 231.996)

Conversions

Conversions Part 1

Format	Color
Hex	DEF1F9
RGB	222, 241, 249
RGB Percent	87%, 95%, 98%
CMY	0.1294, 0.0549, 0.0236
CMYK	0.11, 0.03, 0.00, 0.02
HSL	198°, 69%, 92%
HSV	198°, 11%, 98%
XYZ	78.6707, 85.2715, 101.9269
YIQ	236.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

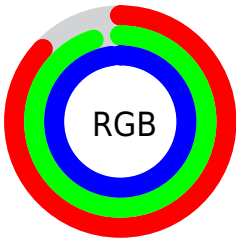
Format	Color
R _Y B	222, 233, 249
Decimal	14610937
CIE Lab	94.00, -4.68, -5.99
CIE LCh	94, 7.604, 231.996
Yxy	85.2715, 0.2959, 0.3207
Android (android.graphics.Color)	4292801017 (0xFFDEF1F9)
YUV	236.2310, 6.2951, -12.4806
Hunter-Lab	92.3426, -9.5275, -0.8040

Details

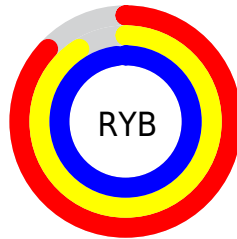
The CIELCh color `94, 7.604, 231.996` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 8.073, 50.321`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.639, 233.677` is the 20% darker color. If you saturate the color by 10%, you get `90, 14.271, 232.922`, and if you desaturate by 10%, it is `98, 0.608, 232.120`.

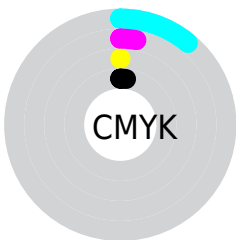
Distribution



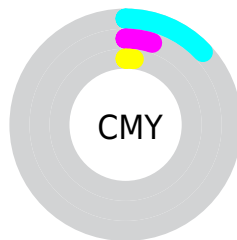
- Red (87%)
- Green (95%)
- Blue (98%)



- Red (87%)
- Yellow (91%)
- Blue (98%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (5%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.604, 231.996 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 94, 7.604, 231.996 by changing the saturation by 10% instead.

 94, 7.604, 231.996

 94, 7.604, 231.996

 100, 7.604,
231.996

 84, 7.604, 231.996

 74, 7.604, 231.996

 64, 7.604, 231.996

 54, 7.604, 231.996

 44, 7.604, 231.996

 34, 7.604, 231.996

 24, 7.604, 231.996

 14, 7.604, 231.996

 4, 7.604, 231.996

94, 7.604, 231.996

94, 7.604, 231.996

90, 14.271,
232.922

98, 0.608, 232.120

87, 20.527,
234.159

100, 3.036,
109.926

84, 26.282,
235.746

81, 31.455,
237.761

78, 35.985,
240.298

75, 39.854,
243.448

72, 43.107,
247.285

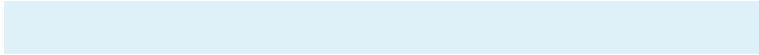
70, 45.878,
251.820

■ 68, 48.218,
256.425

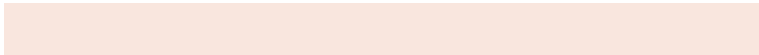
Harmonies

Complementary

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



94, 7.604, 231.996



93, 8.073, 50.321

Rectangle

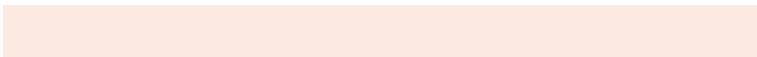
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 7.604, 231.996



94, 7.604, 281.996



94, 7.604, 51.996



94, 7.604, 101.996

Sweetspot

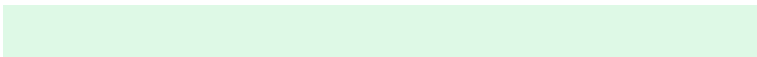
The Sweet Spot groups the original color and five complimentary colors.



94, 7.604, 231.979



99, 2.182, 231.564



96, 13.840, 152.883



53, 1.651, 231.564



0, 0.000, 0.000



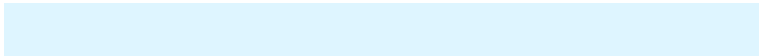
53, 0.007, 296.813

Same Dimension

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



94, 7.604, 231.979



95, 9.249, 232.159



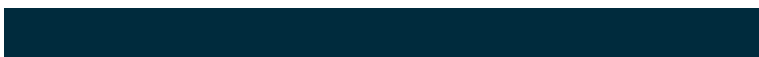
91, 11.119, 280.740



50, 4.010, 231.876



52, 38.841, 255.480



16, 16.684, 248.144

Inverse Universe

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



91, 13.783, 334.850



92, 16.873, 335.010



96, 10.994, 98.109



49, 7.239, 334.751



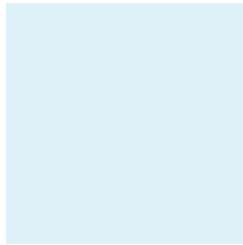
42, 73.770, 344.635



10, 34.218, 341.986

Previews

White Background



This preview shows how the CIELCh color 94, 7.604, 231.996 looks on a white background.

Color Contrast Check

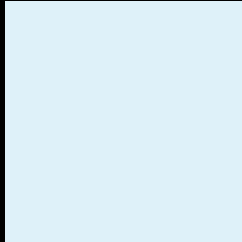
Large Text (above 18pt) WCAG AA × Fail

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 94, 7.604, 231.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

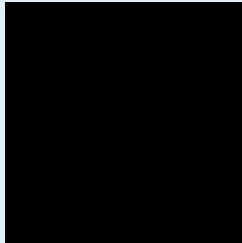
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

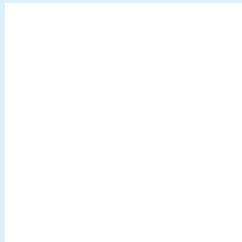
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.604, 231.996

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.604, 231.996.



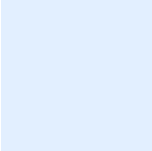
This preview shows how white text looks on a background with the CIELCh color 94, 7.604, 231.996.

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](#).

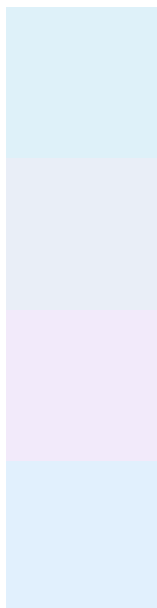
Dichromacy





Tritanopia
94, 9.258, 262.405

Trichromacy



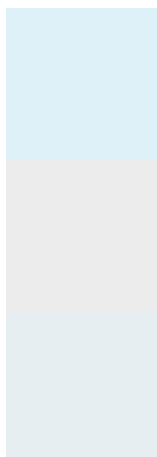
Original Color
94, 7.604, 231.996

Protanomaly
94, 4.924, 269.967

Deuteranomaly
94, 8.748, 309.337

Tritanomaly
94, 8.323, 252.931

Monochromacy



Original Color
94, 7.604, 231.996

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.874, 232.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.604, 231.996 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(222, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 241, 249)  
}
```

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(222, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 241, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.604, 231.996 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(222, 241, 249) }
```

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

```
.border{ border-color:rgb(222, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(222, 241,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.604, 231.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 241, 249) }
```

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

```
.background{ background-color: rgb(222,  
241, 249) }
```

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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